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Result
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Listing first 45 summaries
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Perfect score:
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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Aab68427 Amino aci
Aau12406 Human PRO
Aab53096 Human ang
Aab65268 Human PRO
Aab53096 Human PRO
Aab48175 Human PRO
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Aab480677 Human PRO
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Aab69202 Human PRO
Aao15527 Human PrO
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	X B	Membrane-bound	protein PRO1186.
	Ş	Membrane-bound	polypeptide; PRO polypeptide;
	ž ž	<pre>pharmaceutical;</pre>	receptor immunoa
	80	Homo sapiens.	
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	8 5	02-JUN-1998;	98113-0087609P
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	PR	04-JUN-1998;	98US-0088025P.
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	PR	04-JUN-1998;	98US-0088326P.
	PR	05-JUN-1998;	98US-0088167P.
	אל א	05-JUN-1998;	98US-0088212P.
	PR	05-JUN-1998;	98US-0088217P.
	PR	09-JUN-1998;	98US-0088655P.
	P R	10-JUN-1998;	9805-0088722P.
	PR	10-JUN-1998;	98US-0088734P.
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	PR	10-JUN-1998;	98US-0088740P.
	PR	10-JUN-1998;	98US-0088741P.
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The invention provides membrane-bound PRO polypeptides and CC polynucleotides encoding them. The PRO sequences of the invention were CC identified based on extracellular domain homology screening. The PRO Sequences have homology with proteins including LDL receptors, TIE CC ligands and various enzymes. The membrane-bound proteins and receptor CC immunoadhesins, for instance, can be used as therapeutic agents to block CC receptor-ligand interactions. The membrane-bound proteins can also be CC employed for screening of potential peptide or small molecule inhibitors CC of the relevant receptor/ligand interaction. The PRO encoding sequences CC are useful as hybridization probes, in chromosome and gene mapping and in CC the generation of antisense RNA and DNA. PRO nucleic acid sequences will CC also be useful for the preparation of PRO polypeptides, especially by CC recombinant techniques
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Query Match
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Matches 105
   105;
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 Score 589; DB 3; Pred. No. 3.8e-54; ); Mismatches 0;
                    Length 105;
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                      The present sequence represents a human TANGO 266 polypeptide. The CC specification also describes TANGO 262, TANGO 261, TANGO 261, and TANGO 262 and TANGO 261, TANGO 261, and TANGO 262. The TANGO polypeptides can be used to modulate cellular CC 267. The TANGO polypeptides can be used to modulate cellular cC proliferation, modulate cellular differentiation and/or modulate cellular cC adhesion. The proteins can be used to treat any von Willebrand factor—CC associated disorder, regulate extracellular matrix structuring, cellular adhesion, and cell trafficking and/or migration, modulate cellular CC cancer, modulate the proliferation, differentiation, and/or function of CC cancer, modulate the proliferation, differentiation, and/or function of CC cancer, modulate the proliferation, and leukovytes, treat bone marrow, CC blood and hematopoietic associated diseases and disorders, atelectasis, bronchial casthma and bronchiectasis, intestinal disorders, splean associated CC diseases, modulate renal disorders, treat cardiovascular disorders such as ischemic heart disease, modulate the proliferation, differentiation, and representation, differentiation,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo
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   and/or function of bone and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 8; Fig 14; 175pp; English
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cartilage
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                                                                                                                                                                               The present sequence is provided in a specification relating to a protein or its salt with an amino acid sequence identical or substantially similar to a fully defined sequence of 393 amino acids as given in the specification. The protein is useful in gene diagnosis and development of preventives and remedies for diseases associated with dysfunction of the
                                                         protein, e.g. Alzheimer's disease, hypertension, anorexia, allergy, angina pectoris and infections (e.g. multiple resistant Staphylococcus aureus. The proteins and DNA encoding the proteins are also useful for the treatment of these diseases by gene therapy
                                                                                                                                                                                                                                                                                                                                                                                                                                                            New human brain-originated guanosine triphosphate protein-coupled receptor protein, its salt and encoded gene, useful in (gene) diag and development of preventives and remedies for Alzheimer's disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        27-AUG-1999; 99JP-00241531.
18-JUL-2000; 2000JP-00217474.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           hypotensive; orexigenic; antiallergic; antianginal; antibacterial; gene therapy; Alzheimer's disease; hy allergy; angina pectoris; infection; MRSA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    29-MAY-2001
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                                                                                                                                                                                                                                                                                                                                                                  Example 4; Page 113; 119pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                  hypertension and anorexia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2001-226684/23.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Watanabe T,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 24-AUG-2000; 2000WO-JP005685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WO200116309-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 multiple resistant Staphylococcus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human; G protein-coupled receptor protein; nootropic; neuroprotective;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (TAKE ) TAKEDA CHEM IND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 protein-coupled receptor protein-related sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Terao Y,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          protein; 105
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Pred. No. 3.8e-54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     disease,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  diagnosis
                                                                                                                                                                                                                                                                                                               a protein
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Sequence 105

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                                          The present sequence represents a human Zven2 polypeptide. The specification also describes Zven1. The Zven1 gene is present on CC chromosome 3p21.1-3p14.3. The specification also describes Zven2 Zven CC chromosome 3p21.1-3p14.3. The specification also describes Zven2 Zven CC therapeutics, for treating small cell cancer of the lung, to promote wound healing, to prevent or to treat an adverse reaction of the skin to a skin-sensitizing agent or a skin-irritating agent, to stimulate the CC immune system of an immunocompromised individual, as antitumour agents, as agents to regulate regeneration or remodeling of tissue, as agents to modulate necrosis or tissue growth developmental arrest, to inhibit proliferation of tumour cells, cellular CC differentiation and necrosis, to treat disorders associated with gastrointestinal cell contractility, secretion of digestive enzymes and cids, gastrointestinal motility, recruitment of digestive enzymes, confirmation, and conditions associated with hypermotility such as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local S
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25-FEB-2000; 2000US-00511879.
19-APR-2000; 2000US-00552203.
^7-TUN-2000; 2000US-0210332P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     antitumour; antiinflammatory; necrosis; tissue growth; digestive enzyme; cellular differentiation; gastrointestinal cell contractility; gastrointestinal motility; inflammation; hypermotility; diarrhoea; Crohn's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel isolated Zven polypeptide useful for inhibiting proliferation tumor cells, for treating small cell cancer of lung, to promote wour healing, and for treating Crohn's disease and diarrhea.
                              inflammation, diarrhoea and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 2001-355611/37.
N-PSDB; AAF85427.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Amino acid sequence of a human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Page 4; 98pp; English.
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Pred. No. 3.8e-54;
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06-JAN-2000
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02-DEC-1999;
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2000WO-US004342.
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                                                                        2000WO-US014941.
2000WO-US015264.
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2000WO-US000277.
2000WO-US000376.
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2000WO-US007532.
2000WO-US008439.
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2000WO-US020710.
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2000WO-US006884.
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2000US-0187202P.
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99WO-US030095.
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Pred. No. 3.8e-54;
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Smith V,
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24-AUG-2000;
08-NOV-2000;
10-NOV-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           polypeptide expression in a cell sample to that in a control sample. Some of the 275 sequences are also useful to stimulate the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, the proliferation or differentiation of chondrocytes, the proliferation or gene expression in pericyte cells, the release of proteoglycans from cartilage, the proliferation of inner ear utricular supporting cells or of T-lymphocytes, the release of a cytokine from peripheral blood monocytes (PBMCs), or the proliferation of endothelial cells. Some of the PRO polypeptides may modulate glucose or free fatty acid uptake by skeletal muscle cells or by adipocytes; or inhibit binding of A-peptide to factor VIIA. The PRO polypeptides can be used in assays to identify molecules involved in binding interactions. The polymucleotides encoding PRO polypeptides can be used to generate probes, antisense RNA/DNA, reagency or the proliferation of the proliferations.
Human; angiogenesis-associated protein; PRO; endothelial cell growth; cardiac hypertrophy; cardiovascular disorder; endothelial disorder; angiogenic disorder; atherosclerosis; oscies; hypertension; myocardial infarction; diabetic retinopathy; rheumatoid arthritis; Crohn's disease; psoriasis; endometriosis; ulcer; wound healing; cancer; Alzheimer's disease; Huntington's disease; stroke; drug screening;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         polypeptides, to modulate biological activities of cells expressing polypeptides, and to detect the presence of mammalian lung, colon, breast, prostate, rectal, cervical or liver tumours by comparing PRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              polypeptides. The PRO polypeptides are useful to detect other PRO polypeptides, to link bioactive molecules to cells expressing PRO polypeptides, to modulate biological activities of cells expressing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Isolated , secretory and transmembrane PRO polypeptide used to detect other PRO polypeptides, link bioactive molecules to cells expressing polypeptides, and detect the presence of mammalian tumors e.g. lung,
                                                                                                                               Human angiogenesis-associated protein PRO1186, SEQ ID NO:165
                                                                                                                                                                                                                                          AAB53096 standard; protein; 105
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ME, Goddard
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ilarity 100.0%;
Conservative 0
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Tumas
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A, Godowski PJ, Gurney J
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Pred. No. 3.8
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38 0;
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y AL, Sherwood :
Wood WI, Zhang
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15-SEP-1999;
05-OCT-1999;
30-NOV-1999;
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02-DEC-1999;
02-DEC-1999;
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01-SEP-1999;
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14-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                       gene therapy; transgenic animal.
                                                                                                                               08-SEP-1999
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GENENTECH
                            99WO-US028565
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                                                        99WO-US028409
                                                                      99WO-US028313
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99WO-US021547.
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99WO-US020594.
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99US-0145698P.
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99US-0134287P.
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INC.
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Ashkenazi AJ, Baker KP, Ferrara N, Gerber H, Goddard A; Godowski PJ, Gurney AL, Hillan KJ, Kuo SS, Mark MR, Marsters SA Paoni NF, Pitti RM, Watanabe CK, Williams PM, Wood WI;

WPI; 2001-090793/10. N-PSDB; AAC97496.

New isolated nucleic acid for producing a PRO polypeptide, analyzing genetic disorders and treating cardiovascular, endothelial or angiogenic disorders, such as atherosclerosis, wounds or cancer.

Claim 69; Fig 66; 293pp; English.

The invention relates to novel human angiogenesis-associated proteins Cd designated PRO proteins (AAB53064-B53097), and to nucleic acids encoding PRO proteins. The invention also relates to vectors and host cells comprising a PRO nucleic acid, the recombinant production of a PRO protein, PRO antibodies specific for a PRO protein, fusion proteins comprising a PRO protein, agonists or antagonists of a PRO protein, and compounds which inhibit the expression of a PRO gene. The invention additionally encompasses methods of identifying modulators of PRO compounds which inhibit the expression of a PRO gene. The invention cardivascular is sue; treating a cardiovascular, endothelial or angiogenic disorder, or a susceptibility to such a disorder by detecting mutations in a PRO gene, or the expression level of a PRO gene within a particular tissue; treating a cardiovascular, endothelial or angiogenic compounds to rantagonist; a retroviral gene therapy vector comprising a particular into a protein, and methods of inhibiting or stimulating endothelial call, or pro mucleic acid, and methods of inhibiting a gainst provide a provide administration of a PRO protein, or an agonist or antagonist thereof. PRO mucleic acids, proportein, antibodies against provide agents to treat cardiovascular, endothelial or angiogenic disorders, such as cardiovascular, endothelial or angiogenic disorders, and has because of the probes to screen combinant production of PRO proteins, to map protein, probes to screen creaming of potential therapeutic agents. The protein

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                                                                              Ashkenazi AJ, Baker F
Ferrara N, Fong S, G
Grimaldi CJ, Gurney F
Roy MA, Stewart TA, Zhang Z;
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23-JUN-1999;
07-JUL-1999;
20-JUL-1999;
26-JUL-1999;
28-JUL-1999;
17-AUG-1999;
                     WPI; 2001-032160/04.
N-PSDB; AAF44237.
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                                                                                                 Baker KP, Botstein D. Desnoyers L, Eaton
ong S. Gerber H, Gerritsen MB, Goddard A,
Gurney AL, Kljavin IJ, Napier MA, Pan J,
art TA, Tumas D, Watanabe CK, Williams PM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           99US-0149396P.
99WO-US021090.
99WO-US021547.
99WO-US028313.
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99US-0141037P.
99US-0143048P.
99US-0144758P.
99US-0145698P.
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Pred. No. 3.8e-54;
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The present invention describes human secreted and transmembrane PRO proteins. The PRO proteins have cytostatic activity. The PRO proteins can be used for targeted delivery of bioactive molecules such as toxins, radiolabels or antibodies, that cause cell death. PRO nucleotide sequences, and their fragments, can be used as hybridisation probes, in chromosomal and gene mapping, and in the generation of anti-eense RNA and DNA. They may also be used to produce transgenic animals which are used to develop and screen therapeutically useful reagents. The PRO nucleotide and protein sequence can be used for tissue typing and in treating cancer. Anti-PRO antibodies can be used in diagnostic assays. AAF44270 to AAF44470 represent PCR primers and hybridisation probes used in the isolation of human PRO sequences. AAF44070 to AAF65300 represent human PRO polymucleotide and protein sequences given in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRO polynucleotides used to produce polypeptides used to target bioactive molecules such as toxins, radiolabels or antibodies, to specific cells, to cause targeted cell death.
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                                                                 Matches 105;
                                                                         Best Local
61
               61
                               Similarity
HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105
       HPGSHKVÞFFRKKHHTCPCLÞNLLCSRFÞDGRYRCSMDLKNINF 105
                                                                Conservative
                                                                         100.0%;
                                                                <u>,</u>
                                                                         Score 589; DB 4;
Pred. No. 3.8e-54;
                                                                 Mismatches
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                                                                  Indels
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                                                                 Gaps
                                 60
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Query Match

Length 105;

Sequence 105 AA;

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RRSULT 8
AAB4417
AAB447
XX AAB44
XX AAB44
XX PRO1
DE Huma
XX PRO1
KW PRO1
KW Cent
KW Cent
KW Cent
FT Pept
FT Pept
FT Prot
FT Modi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRO1186; PRO184; neoplastic; cell growth; tumour; cancer; breast; ovarian; renal; colorectal; uterine; prostate; lung; melanoma; central nervous system; leukemia; antitumor; cytostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human PRO1186 polypeptide.
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35. .41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "mature protein"
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02-JUN-1999;

99WO-US012252

24-FEB-2000; 2000WO-US004914

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RESULT 9
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Tang
                                                                                                                                                                                                         virucide; antibacterial; anti-HIV; human immunodeficiency virus;
antiinfertility; cerebroprotective; nootropic; antiulcer; antifungal;
anticonvulsant; tranquilizer; neuroleptic; vasotropic; gynecological;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention provides PRO1186 and PRO184 polypetides that can for the inhibition of neoplastic cell growth and for treating to the PRO polypeptides can be expressed by standard recombinant methodology. The PRO polypeptides or their agonists are useful inhibition of neoplastic cell growth and for treating tumours, such as breast, ovarian, renal, colorectal, uterine, prostate, bladder or central nervous system cancers or melanoma and leuke
                       (INCY-)
                                              30-JUL-1999;
                                                                    19-MAY-1999;
15-JUL-1999;
                                                                                                        19-MAY-2000;
                                                                                                                               23-NOV-2000
                                                                                                                                                     WO200070049-A2
                                                                                                                                                                            Homo
                                                                                                                                                                                                 keratolytic;
                                                                                                                                                                                                                                                        Extracellular signaling molecule; EXCS; anti-inflammatory; human;
                                                                                                                                                                                                                                                                                Human extracellular signaling molecule
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                                                                                                                                                                                                                                                                                                                                AAB48067;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           present sequence represents the human PRO1186 polypeptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Compositions for inhibiting neoplastic cell growth and cancer, comprises novel PRO1186 or PRO184 polypeptides
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05-JAN-2000;
                                                                                                                                                                                                                                              immunosuppressive; cytostatic; neuroprotective;
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  Yue
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                                                                                                        2000WO-US013975.
                                                                                                                                                                                                protozoacide; gene therapy
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                                             99US-0134949P.
99US-0144270P.
99US-0146700P.
99US-0157508P.
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                        GENOMICS INC
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                                                                                                                                                                                                                                                                                                        entry)
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 Burford N,
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Pred. No. 3.8e-54;
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                                                                                                                                                                                                                                               gastrointestinal;
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The invention provides human extracellular signaling molecules (EXCS) and CC polynucleotides which identify and encode EXCS. EXCS can be expressed by CC standard recombinant methodology. The amino acid and nucleic acid CC sequences of EXCS are useful for diagnosing, treating and preventing CC infections and gastrointestinal (peptic ulcer, dysphagia, pancreatitis), CC neurological (e.g. epilepsy, ischemic cerebrovascular disease, stroke), creproductive (infertility, ovulatory defects, endometriosis), autoimune (infertility, acidison's disease), and cell proliferative disorders including (infertility), and insomala, nutritional and metabolic diseases of the nervous system, myopathies, mental disorders (anxiety, schizophrenia, CC nervous system, myopathies, mental disorders (anxiety, bacterial) (infertility, viral (adenovirus, coronavirus, flavivirus), bacterial (infertility, and fungal (aspergillus, coronavirus, flavivirus), bacterial (infertility, and supplied (aspergillus, coronavirus), bacterial (infertility, and supplied (infer
                                                               polynucleotides may also be used to detect and quantify gene expression in biopsied tissues in which expression of EXCS may be correlated with the disease, to determine presence or excess expression of EXCS, to monitor regulation of EXCS levels during therapeutic intervention, to detect the presence of associated disorders, as targets in microarray, t generate hybridization probes, and to detect differences in gene sequences among normal, carrier or affected individuals. Antibodies may also be used in diagnosing disorders, in monitoring patients being treated with EXCS agonists, antagonists or inhibitors. Sequences AAB4805 represent the EXCS of the invention
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New human extracellular signaling nucleic acids and polypeptides useful for diagnosing, treating and preventing infections and gastrointestinal, neurological, reproductive, and autoimmune/inflammatory disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Azimzai Y,
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                       HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
                                                                               MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC
HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
                                                       MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC
                                                                                                              Conservative
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                                                                                                              Mismatches
                                                                                                              Indels
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Query Match

Local

Similarity

100.0%;

Score 589; DB 4; Pred. No. 3.8e-54;

Length 105;

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RESULT 10
AAM50773
ID AAW50773 standard; protein; 105 AA.

XX
AC AAM50773;
XX
PT 23-APR-2002 (first entry)
XX
Endocrine gland-derived vascular endothelial growth factor.

XX
Endocrine gland-derived vascular endothelial growth factor; EG-VEGF;
XX
Call differentiation; cell migration; fenestration;
XX
Call differentiation; angiogenesis; chemotaxis; endocrine; infertility;
XX
XX
Call differentiation; angiogenesis; chemotaxis; endocrine; infertility;
XX
XX
CAL MAM50773 standard; protein; 105 AA.
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CC differentiation factor termed endocrine gland-derived vascular CC endothelial growth factor (EG-VEGF). The sequence is predicted from the CC open reading frame of a cDNA clone (see ABA91567) obtained from an CC ovarian tissue library. EG-VEGF induces proliferation, migration and CC fenestrations in capillary endothelial cells derived from endocrine CC glands, but has no effect on a variety of other endothelial and non-cC endothelial cell types tested. The EG-VEGF procursor has a predicted CC mol.wt. of 11715 and a pI of 9.05. The mature protein (mol.wt. 8600) is C cysteine-rich and is predicted to consist of a series of short beta ct strands with large connecting loops held together by disulfide bonds CC interactive surfaces. 80% Homology and 63% identity is shown to venom CC interactive surfaces. 80% Homology and 63% identity is shown to venom CC conditions associated with hormone-producing tissue, especially ovarian, testicular, cervical, adrenal, placental or prostate tissue. The CC condition may be polycystic ovary syndrome, cancer, especially ovarian CC cancer, testicular cancer, prostate cancer or uterine cancer, or ovarian CC claimed for identifying compounds that modulate EG-VEGF activity, especially to induce phosphorylation of a kinase involved in cell proliferation or survival, to induce chemotaxis, angiogenesis, or CC cell differentiation, or to induce endothelial cell proliferation
                                                                         Query Match
Best Local Similarity
Matches 105; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New endocrine gland-vascular endothelial growth factor (EG-VEGF) polypeptides, agonists and antagonists, useful for regulating fertiand for treating cancer of the reproductive organs, e.g. ovarian or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23-JUN-2000; 2000US-0213637P
07-SEP-2000; 2000US-0230978P
01-DEC-2000; 2000WO-US032678
                                                                                                                                                                                             Sequence 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 12; Fig 2; 133pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       present sequence is that of a novel, tissue-restricted,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2002-130882/17.
DB; ABA91567.
                    μ
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MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLMLRGLRMCTPLGREGEEC 60
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                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l. .19
/label=_Signal_peptide
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                                                                                                       100.0%;
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                                                                                                       Score 589; DB 5;
Pred. No. 3.8e-54;
                                                                               Mismatches
                                                                                                                               Length 105;
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                                                                         Gaps
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The invention relates to one hundred and twenty two nucleic acids encoding PRO polypeptides. The sequences of the 122 PRO polynucleotides encode human secreted proteins. The PRO nucleic acids, polypeptides,

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AAU83674 11 AAU837 AAU8
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28-NOV-2000;
01-DEC-2000;
20-DEC-2000;
20-DEC-2000;
20-DEC-2000;
28-FEB-2001;
01-MAR-2001;
10-MAY-2001;
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01-AUG-2000;
22-AUG-2000;
23-AUG-2000;
24-AUG-2000;
                                                                                                                                                One hundred and twenty two nucleic acids encoding PRO polypeptides, useful for treating a PRO related disorder and for diagnosing tumors such as lung cancer, colon cancer, breast tumor, prostate tumor, rectal tumor or liver tumor.
                                                                                                                                                                                                                                                                                                                                                      Baker KP, De
Grimaldi JC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; secreted protein; PRO; tumour; lung cancer; colon cancer; breast cancer; prostate tumour; rectal tumour; liver tumour; pericyte cell proliferation; chondrocyte cell proliferation; tumour necrosis factor-alpha.
                                                                                                 Claim 11; Fig 166; 359pp; English.
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C, Gurney AL,
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2001US-00854280
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2000WO-US034956.
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2000US-0253646P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      133P.
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Smith V, Stephan JF, Watanabe CK, Wood WI;
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RESULT 12
ABB84902
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Best Local
23-JUN-2000;
20-JUL-2000;
25-JUL-2000;
25-JUL-2000;
26-JUL-2000;
27-AUG-2000;
17-AUG-2000;
23-AUG-2000;
24-AUG-2000;
18-SEP-2000;
18-NOV-2000;
18-NOV-2000;
18-NOV-2000;
18-NOV-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gene therapy; cardiovascular disorder; endothelial disorder; cancer; angiogenic disorder; cardiac hypertrophy; atherosclerosis; hypertension; age-related macular degeneration; arterial restenosis; hypertension; rheumatoid arthritis; myocardial infarction; thrombophlebitis; lymphangitis; tumour angiogenesis; breast carcinoma; liver carcinoma; wound healing; chromosome mapping; gene mapping; gene mapping;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             agonists and antagonists are useful for treating a PRO related disorder. The PRO polypeptides are useful for diagnosing tumours, especially lung cancer, colon cancer, breast tumour, prostate tumour, rectal tumour or liver tumour. The PRO polypeptides are useful for stimulating the proliferation of, or gene expression, in pericyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       stimulating the release of tumour necrosis factor-alpha from human blood, for stimulating or inhibiting the proliferation of normal human dermal fibroblast cells. The PRO polypeptide may also be used as molecular weight markers and for tissue typing. The PRO nucleic acids have applications in molecular biology, including use as hybridisation probes, and in chromosome and gene mapping. AAU837913 represent human PRO protein sequences of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20-JUN-2001; 2001WO-US019692.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               03-JAN-2002
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                                                      2000US-00664610.
2000US-00665350.
2000US-0242922P.
2000US-00709238.
2000WO-US030952.
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2000US-00643657.
2000WO-US023522.
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2000US-0230978P.
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2000WO-US020710.
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2000US-0220624P.
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Pred. No. 3.8e-54;
); Mismatches 0;
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RESULT 13
AAO15527
ID AAO15
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AC AAO15
XX
DT 24-OC
XX
DE Humar

AAO15527 standard; protein; 105

24-OCT-2002

(first

entry)

Human physiologically-active

ZAQ ligand-related protein 3.

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20-DEC-2000;

22-JAN-2001;

28-FEB-2001;

28-FEB-2001;

01-MAR-2001;

09-MAR-2001;

14-MAR-2001;

12-MAR-2001;

10-MAY-2001;

10-MAY-2001;

25-MAY-2001;

25-MAY-2001;

30-MAY-2001;

31-MAY-2001;

25-MAY-2001;
                                                                                                                                                                                                                                                                       ABB88072 to ABL88258 encode the PRO proteins given in ABB84817 to ABB85003. The PRO proteins and polymucleotides have cardiant, cytostatic, antiangiogenic, hypotensive, vulnerary and antiarteriosclerotic activities, and can be used in gene therapy. The PRO polymucleotides, proteins, agonists and antagonists are useful for treating or diagnosing a cardiovascular, endothelial or angiogenic disorder in a mammal, e.g. cardiac hypertrophy, trauma, cancer, age-related macular degeneration, atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis, angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour angiogenesis (such as breast carcinoma and liver carcinoma) and wound angiogenesis (such as breast carcinoma and liver carcinoma) and wound
                                                                                                                                                                                                            healing. The PRO polynucleotides have applications in molecular biology, including use as hybridisation probes, and in chromosome and gene mapping. ABL88259 to ABL88267 represent primers and probes used in the exemplification of the present invention
                                                                                                                                                                                    Sequence 105 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             One hundred and eighty seven nucleic acids encoding PRO polypuseful in diagnosis and treatment of cardiovascular (e.g. myo infarction), endothelial or angiogenic disorders in a mammal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Godowski PJ,
Stephan JF,
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Claim 11; Fig 172; 565pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             N-PSDB; ABL88157.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2002-090516/12.
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                                                                                                                                       Local
                                                                                                                       al Similarity
105; Conserv
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                                                                         MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC
                   HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
                                                           MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC
 HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ferrara N,
                                                                                                                       100.0%; ilarity 100.0%; Conservative 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , Gurney AL,
Watanabe CK,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2001US-00802706
2001US-00808689
2001US-00816744
2001US-00828366
2001US-00854208
2001US-00854208
2001US-0085028
2001US-0086028
2001US-0086034
2001US-00870574
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2000WO-US034956.
2001US-00767609.
2001US-00796498.
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2001WO-US017800
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2001WO-US006666.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gerber H, Gerrit
L, Hillan KJ, Ma
CK, Williams PM,
                                                                                                                       0;
                                                                                                                       Score 589; DB 5;
Pred. No. 3.8e-54;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gerritsen ME,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Marsters
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Wood WI,
                                                                                                                                                   Length 105;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Goddard A;
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Ye W;
                                                                                                                        Indels
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   105
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RESULT 14
ABB06308
AC ABB06
XX ABB06
XX
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Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 105;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The invention comprises a method for producing an active peptide that has the same activity as a ZAQ ligand isolated from eukaryotic cells. The method of the invention is useful for the production of a physiologically -active ZAQ ligand for use in preventing or treating digestive diseases (e.g. colitis and diarrhea). The present amino acid sequence represents human physiologically active ZAQ ligand-related protein
                                                                                                                                                                                                                                                                                                           ZAQ; antidiarrheic;
colitis; diarrhoea;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Industrial production of physiologically-active ZAQ ligand by expressing in transformant prokaryote and refolding in redox buffer, for use in preventing or treating digestive diseases e.g. colitis and diarrhea.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22-JAN-2001; 2001JP-00013027.
17-MAY-2001; 2001JP-00147759.
     18-JUL-2000; 2000JP-00217442.
02-FEB-2001; 2001JP-00026779.
                                                                                                                                                                                                   WO200206483-A1
                                                                                                                                                                                                                                                                                                                                                                                                                        Human G protein-coupled receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 27-MAY-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABB06308 standard; protein; 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 105
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                                                                                      17-JUL-2001; 2001WO-JP006162
                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WO200257443-A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (TAKE ) TAKEDA CHEM IND LTD.
                                                                                                                                                                                                                                                                                                     protein-coupled receptor; ZAQ ligand; physiologically active peptide;
hQ; antidiarrheic; laxative; drug development; digestive disease;
plitis; diarrhoea; constipation; poor-absorption syndrome; gene therap
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Suenaga M,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0,
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Pred. No. 3.8e-54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                     ZAQ ligand protein SEQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
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RESULT 15
AAE24382
ID AAE24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention describes a peptide containing an amino acid sequence (I) identical to or substantially similar to that of the sequences in ABB06305 or ABB06305, or its salt. (I) has antidiarrheic an laxative activities. The peptides and encoding DNAs from the present invention are useful for developing drugs to treat digestive diseases like colitis, diarrhoea, constipation and poor-absorption syndrome, including gene therapy. The physiologically-active cows milk-originated peptides are applicable as a specific ligand of brain-originated orphan protein-coupled receptor protein ZAQ. ABL49615 to ABB40659 and ABB06303 to ABB06315 represent sequences used in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Physiologically-active peptides from cows milk, useful for developing drugs to treat ZAQ-mediated diseases, particularly digestive diseases like colitis, diarrhea, constipation and poor-absorption syndrome, by
                                                                                                          10-MAY-2002
                                                                                                                                                                                                                                       Protein
                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         diabetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human prokineticin 1 precursor protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               04-OCT-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 105 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Claim 5; Page 61; 191pp; Japanese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      like colitis, diarrhea, constipation gene therapy.
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N-PSDB; ABL49637.
                                                                                                                                                              WO200236625-A2
                                                                                                                                                                                                                                                                                           Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                           inflammatory
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               rritable bowel syndrome;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          prokineticin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      gastroparesis; chronic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 standard;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                           bowel disorder; analgesic;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (first
                                                                                                                                                                                                                                                                                                                 Location/Qualifiers
                                                                                                                                                                                                                                                                /label= Signal_peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 protein;

    gastrointestinal motility; intestinations; gastrointestinal reflux disease;

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                                                                                                                                                                                                                 "Mature human prokineticin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    105
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Pred. No. 3.8e-54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    constipation; malabsorptive disorder;
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                                                                                                                                                                                                                                                                                                                                                                                                                        infectious disease.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 105;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          intestinal cancer;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  diarrhoea;
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Search completed: March 30, 2006, 17:30:56 Job time : 192 secs
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                                                                                                                                                                                                                                                                                                                                                           The invention relates to human prokineticin 1 and 2 polypeptides that stimulate gastrointestinal smooth muscle contraction and nucleic acid molecules encoding such polypeptides. Polypeptides of the invention are useful for treating disorders involving impaired gastrointestinal motility. They are useful for stimulating gastrointestinal motility in disorders such as irritable bowel syndrome, diabetic gastroparesis, post-operational lieus, chronic constipation and gastrointestinal reflux disease. The prokineticin antagonists are useful for inhibiting gastrointestinal motility in conditions of diarrhoea, malabsorptive disorders, inflammatory bowel disorders, infectious diseases and intestinal cancers. The antagonists also act as analgesics. The present sequence is human prokineticin 1 precursor protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New isolated human prokineticin 1 and 2 polypeptides that stimulate gastrointestinal smooth muscle contraction, useful for improving impaired gastrointestinal motility in irritable bowel syndrome, chronic
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ALIGNMENTS

RESULT 1 JC7188

RBIC protein - human

C;Species: Homo sapiens (man)
C;Date: 04-Mar-2000 #Bequence_revision 04-Mar-2000 #text_change 11-May-2000
C;Accession: JC7188
R;Tsugi, T.; Miyazaki, M.; Sakaguchi, M.; Inoue, Y.; Namba, M.
Biochem. Biophys. Res. Commun. 268, 20-24, 2000
A;Title: A REIC gene shows down-regulation in human immortalized cells and human tumor-d. A;Reference number: JC7188; MUID:20119095; PMID:10652205
A;Accession: JC7188

A; Molecule type: mRNA A; Residues: 1-350 < TSU>

LRG5 protein - Chlamydomonas reinhardtii
(;Species: Chlamydomonas reinhardtii
C;Date: 11-Jun-1999 #sequence_revision 11-Jun-1999 #
C;Accession: T08179
R;Gloeckner, G.; Beck, C.F.
submitted to the EMBL Data Library, October 1996
B;Description: Molecular characterization of a gene
A;Reference number: Z16399
A;Accession: T08179 A;Cross-references: UNIPARC:UPI0000179471; DDBJ:AB034203
A;Experimental source: heart
C;Comment: This protein is a secreted glycoprotein for head induction in amphibian embry.
C;Genetics: A;Gene: reic C;Superfamily: human REIC protein C;Keywords: cardiac muscle; coiled coil; glycoprotein; heart; tumor A;Cross-references: UNIPROT:Q96397; UNIPARC:UPI000009E362; EMBL:U73817; NID:g1644369; C;Genetics: 믕 გ 밁 S A; Molecule type: mRNA A; Residues: 1-640 <GLO> A;Status: preliminary; translated Matches Query Match N 17.1%;
Local Similarity 37.7%;
es 26; Conservative 208 265 26 78 CPCLPNLLC 86 CERDVQCGAGTCCAISLWLRGL--RMCTPLGREGEECH-PGSHKVPFFRKRKH-----HT 77 CPCASGLLC 273 CDNQRDCQPGLCCAFQ---RGLLFPVCTPLPVBGBLCHDPASRLLDLITWELEPDGALDR 264 Pred. 3; Mis Score 100.5; from Mismatches a 100.5, .. No. 0.0086; ...hes 29; GB/EMBL/DDBJ #text_change 09-Jul-2004 (LRG5) Indels Length 350; involved in blue light signal 11; Gaps

PI

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R;Rowen, L.; Mahairas, G.; Qin, S.; Ahearn, M.E.; Dankers, C.; Lasky, S.; Loretz, submitted to the EMBL Data Library, October 1997
A;Description: Sequence of the mouse major histocompatibility locus class III reg: A;Reference number: 216543
A;Accession: T09059
C;Superfamily: notch protein; ankyrin repeat homology; EGF homology C;Keywords: receptor; signal transduction F;514-545/Domain: EGF homology <EGF>
                                                                                                                                                                           A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: DNA
A;Residues: 1-1964 <ROW>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    submitted to the EMBL Data Library, October 1995
A;Description: The sequence of C. elegans cosmid T10E10.
A;Reference number: Z18588
A;Accession: T16840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    C;Species: Caenorhabditis elegans
C;Date: 20-Sep-1999 #sequence_revision 20-Sep-1999 #text_change 09-Jul-2004
C;Accession: T16840
R;Geisel, C
                                                       A; Map position: 17
A; Introns: 22/1; 49/2; 148/1; 264/1; 305/1; 1679/3; 1729/1; 1761/3
                                                                                                                                                                                                                                                                                                                                    C;Species: Mus musculus (house mouse)
C;Date: 11-Jun-1999 #sequence_revision 11-Jun-1999 #text_change 09-Jul-2004
C;Accession: T09059
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A; Residues: 1-1101 <
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                                                                                                                                                             A; Cross-references:
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                                                                                                                      A;Gene: notch4
                                                                                                                                                                                                                                                                                                                                                                                                 notch4 - mouse
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A;Gene: CESP:T10E10.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A; Experimental source: strain Bristol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  A;Status: preliminary; translated from GB/EMBL/DDBJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    hypothetical protein T10E10.4 - Caenorhabditis elegans
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   867
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               93/2; 152/2; 191/3; 209/2; 283/3; 303/1; 399/3; 421/1; 440/1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                32 CGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKVPFFRKRKHHTCPCLPNLLCSRF--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      32;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  --LRMCTPLGR-----EGEECHPG-----SHKVPFFRKRKHHTCPCLPNLLCS 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LMSVQRCAMGIG-CPPGNQCENGVCCPMPMCSSGSIASSVCGMANSCPIGYICEGRGCCL
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ilarity 31.6%;
Conservative
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                                                                                                                                                             UNIPROT: P31695;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 83;
                                                                                                                                                           UNIPARC: UPI000016C7F1; EMBL: AF030001; NID: g2564945;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N2
                                                                               384/1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 2;
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                                                                               436/1;
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                                                                               501/1;
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                                                                               539/1;
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                                                                               577/1; 618/1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 465/1; 547/3;
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GEECHPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105

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C;Superfamily: colipase
C;Keywords: Lipid digestion; lipid hydrolysis; pancreas
C;Keywords: Lipid digestion; lipid hydrolysis; pancreas
F;1-17/Domain: signal sequence #status predicted <SIG>
F;18-22/Domain: amino-terminal propeptide #status predicted <APP>
F;33-108/Product: colipase #status experimental <MAT>
F;109-112/Domain: carboxyl-terminal propeptide #status predicted <CPP>
F;34-104,40-56,44-80,45-78,66-86/Disulfide bonds: #status predicted
F;39,72,75,76/Binding site: micellar substrate (Lys, Tyr, Tyr, Tyr) #st
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Molecule type: DNA
A;Residues: 1-112 <SIMS
A;Residues: 1-112 <SIMS
A;Residues: 1-112 <SIMS
A;Cross-references: UNIPROT:P04118; UNIPARC:UPI0000127E78; GB:M95529; NID:g180842; PIDN:J
A;Note: sequence extracted from NCBI backbone (NCBIN:110576, NCBIN:110578, NCBIP:110580)
R;Lowe, M.E.; Rosenblum, J.L.; McEwen, P.; Strauss, A.W.
Blochemistry 29, 823-828, 1990
Blochemistry 29, 823-828, 1990
A;Title: Cloning and characterization of the human colipase cDNA.
A;Reference number: A33949; MUID:90248429; PMID:2337598
A;Accession: A33949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A; Molecule type: protein
A; Residues: 23-108 <STE:
A; Cross-references: UNITARC: UPI0000174141
C; Comment: Colipase, a cofactor of triacylglycerol lipase (EC 3.1.1.3), forms a 1:1 stoic
se the enzyme is washed off by bile salts, which are known to have an inhibitory effect of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A;Cross-references: UNIPARC:UPI0000127E78; GB:J02883; NID:g180885; PIDN:AAA52054.1; PID:gA;Note: evidence of partial N-glycosylation, possibly at Asn-43 R;Sternby, B.; Engstrom, A.; Hellan, U.; Vihert, A.M.; Sternby, N.H.; Borgstrom, B. Biochim. Biophys. Acta 784, 75-80, 1984
A;Title: The primary sequence of human pancreatic colipase.
A;Reference number: A90652; MUID:84104937; PMID:6691986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C;Species: Homo sapiens (man)
C;Date: 04-Dec-1986 #sequence revision 19-May-1995 #text_change 09-Jul-2004
C;Accession: A42568; A33949; A03163
R;Sims, H.F.; Lowe, M.E.
Biochemistry 31, 7120-7125, 1992
B;Title: The human colipase gene: isolation, chromosomal location, and tiss:
A;Reference number: A42568; MUID:92353041; PMID:1643046
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A;Gene: GDB:CLPS
A;Cross-references: GDB:127277; OMIM:120105
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A;Introns: 28/3; 69/3
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A; Residues: 1-112 <LOW>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26
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                                                                                                                                         Similarity
  LILLLVALSVAYAAPGPRGIINLENGELCMNSAQC-KSNCCQHSSAL-GLARCTSMASE
                                                      IMLLLVTVSDCAVITG------ACERDVQCGAGTCCAISLWLRGLRMCTPLGRE
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                                                                                                            Conservative
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                                                                                                                                      Score 79;
Pred. No.
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Pred. No.
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                                                                                                                                                             Length 112;
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MBGF6 protein - rat
C;Species: Rattus norvegicus (Norway rat)
C;Date: 20-Sep-1999 #sequence_revision 20
C;Accession: T13954
R;Nakayama, M.; Nakajima, D.; Nagase, T.;
                                                                                                                    RESULT 8
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A;Title: Mussel adhesive plaque protein gene is a novel member of A;Reference number: A56175; MUID:95204464; PMID:7896812
A;Accession: A56175
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                                                                                                                                                                                                                                                                                                                                                                                                                                      A;Residues: 1-251 <WIL>
A;Residues: 1-251 <WIL>
A;Cross-references: UNIPROT:Q24774; UNIPARC:UPI000007D243; EMBL:X79344; NID:g488802;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Reference number: A55035; MUID:95014230; A;Accession: A55035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   R;Willuhn, J.; Schmitt-Wrede, H.P.; Greven, H.; Wunderlich, F.
J. Biol. Chem. 269, 24688-24691, 1994
A;Title: cDNA cloning of a cadmium-inducible mRNA encoding a novel cysteine-rich,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cysteine-rich protein CRP1 - earthworm (Enchytraeus buchholzi)
C;Species: Enchytraeus buchholzi
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F;429-460/Domain: EGF homology <EGF>
F;429-460/Domain: EGF homology <EGF>
F;23,36,43,56,75,382,424,455,468,473/Modified site: 3',4'-dihydroxyphenylalanine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 F;1-17/Domain: signal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A;Cross-references: UNIPROT:Q25464; UNIPARC:UPI000012AB7B; GB:D43794; NID:g602767; C;Keywords: duplication
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A;Residues: 1-473 <INO>
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Best Local S
Matches 24
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Best Local
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                                                                                                                                                                                                                                                                                     SQCKCEKGECKKG--CKEG-CCAPKCGVAGCSCGSGCKCEKGECKPGCTKRCCGTKCGVE 133
                                                                                                                                                                                                                                                                                                                             SDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKVPFFRKRKHH 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PNLLCSRFPDGR--YRC
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30.9%;
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             Nagase, T.; Nomura, N.; Seki, N.;
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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                                                  20-Sep-1999 #text_change 09-Jul-2004
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notch 3 protein - mouse
C;Species: Mus musculus (house mouse)
C;Date: 20-Feb-1995 #sequence_revision 20-Feb-1995 #text_change 09-Jul-2004
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A;Title: Molecular cloning of the human fertilin beta subunit.
A;Reference number: JC4861; MUID:96295488; PMID:8702389
A;Accession: JC4861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C;Species: Homo sapiens (man)
C;Date: 15-Aug-1996 #sequence_revision 18-Oct-1996 #text_change 09-Jul-2004
C;Accession: JC4861
          A;Reference number: S45306; MUID:95001556; PMID:7918097
A;Accession: S45306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            F;382-467/Domain: disintegrin homology cDIS-
F;448-450/Region: integrin binding #status predicted
F;648-708/Domain: transmembrane #status predicted cTMM's
F;121,219,352,458,565/Binding site: carbohydrate (Asn)
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A;Residues: 1-1574 <NAK>
A;Cross-references: UNIPROT:088281; UNIPARC:UPI0000043BEE; EMBL:AB011532; NID:g3449293;
A;Experimental source: strain Sprague-Dawley; brain
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                                                                 R;Lardelli, M.; Dahlstrand, J.; Lendahl, U. Mech. Dev. 46, 123-136, 1994
A;Title: The novel Notch homologue mouse No
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A; Residues: 1-734 <GUP>
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A;Status: preliminary
                                                                                                                                       C; Accession: S45306
                                                                                                                                                                                                                                          S45306
                                                                                                                                                                                                                                                              RESULT 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Comment: This protein is an integral sperm membrane glycoprotein, Superfamily: mouse meltrin alpha; disintegrin homology (Roywords: glycoprotein; integrin binding; transmembrane protein; 382-734/Product: fertillin beta chain #status predicted <NAT>
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28.8%;
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28.6%;
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Pred. No. 6;
7; Mismatches
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Pred. No. 10;
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A;Cross-roger,
                                                                                                                                     N;Alternate names: procolipase
(;Species: Rattus norvegicus (Norway rat)
(;Date: 26-U1-1996 #sequence_revision 26-Jul-1996 #text_change 09-Jul-2004
(;Accession: I51909; A34623
C;Accession: [51909; A34623]
A;Panens, M.L.; Lowe, M.E.
A;Payne, R.M.; Sims, H.F.; Jennens, M.L.; Lowe, M.E.
Am. J. Physiol. 266, G914-G921, 1994
A;Title: Rat pancreatic lipase and two related proteins: enzymatic propertial, Reference number: I51909; MUID:94262798; PMID:8203536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             notch homolog - sea urchin (Lytechinus variegatus)
(;Species: Lytechinus variegatus (variegated urchin)
C;Date: 22-Oct-1999 #sequence_revision 22-Oct-1999 #text_change 31-Jan-2000
C;Accession: T31070
C;Accession: T31070
R;Sherwood, D.R.; McClay, D.R.
R;Sherwood, D.R.; McClay, D.R.
Development 124, 3363-3374, 1997
A;Title: Identification and localization of a sea urchin Notch homologue: i.
A;Reference number: Z20966; MUID:97454256; PMID:9310331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 11
T31070
                                              A;Accession: I51909
A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: mRNA
A;Residues: 1-112 <PAY>
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A;Residues: 1-2318 <LAR>
A;Residues: 1-2318 <LAR>
A;Residues: 1-2318 <LAR>
A;Cross-references: UNIPROT:Q61982; UNIPARC:UPI000002930C; EMBL:X74760; NID:g483580;
A;Cross-references: UNIPROT:Q61982; Tepeat homology; EGF homology
C;Superfamily: notch protein; ankyrin repeat homology; EGF homology
F;163-195/Domain: EGF homology <EGF1>
F;163-195/Domain: EGF homology <EGF2>
F;854-885/Domain: EGF homology <EGF2>
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                         Cross-references: UNIPROT:P17084;
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Similarity 28.1%;
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Pred. No. 16;
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                         UNIPARC: UPI0000127E7C;
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                       NID: 9203504;
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tunor necrosis factor receptor 2 precursor [validated] - human N;Alternate names: 75K tumor necrosis factor receptor; TNF receptor type 2 C;Species: Homo sapiens (man) C;Date: 10-Sep-1999 #sequence revision 10-Sep-1999 #text change 09-Jul-2004 C;Accession: A35356; A36475; A48416; A36007; A23666; B35\overline{0}10; I38094 R;Smith, C.A.; Davis, T.; Anderson, D.; Solam, L.; Beckmann, M.P.; Jerzy, R. Science 248, 1019-1023, 1990 Science 248, 1019-1023, 1990 A;Title: A receptor for tumor necrosis factor defines an unusual family of A;Reference number: A35356; MUID:90260639; PMID:2160731
A;Status: preliminary
A;Molecule type: mRNA
A;Residues: 1-461 <SMJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A;Residues: 1-1620 <WIL>
A;Cross-references: UNIPARC:UPI000017BCB4; EMBL:AL110498; NID:e1542303; EA;Cross-references: Clone Y64G10A
C;Genetics:
A;Gene: CESP:Y64G10A.f
A;Introns: 77/1; 116/1; 198/1; 282/1; 365/1; 425/1; 466/1; 548/1; 559/1;
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T27283
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C;Keywords: lipid digestion; lipid hydrolysis; pancreas
F;1-17/Domain: signal sequence #status predicted <SIG>
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A;Residues: 1-17,'V',19-112 <WIC>
A;Cross_references: UNIPARC:UPI00001708E5; GB:M33333; NID:g203502; PIDN:AAA40943.1; PID:g
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A;Title: Rat pancreatic colipase mRNA: nucleotide sequence of a cDNA
A;Reference number: A34623; MUID:90179738; PMID:2129524
A;Accession: A34623
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    hypothetical protein Y64G10A.f - Caenorhabditis elegans C;Species: Caenorhabditis elegans
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Similarity 25.8%; Pred. No. 1.5;
24; Conservative 10; Mismatches 39; Indels
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4; Mismatches
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A;Cross-references: UNIPARC:UPI00001736E6; GB:S63368; NID:g235648; PIDN:AAB19824.1; A;Note: sequence extracted from NCBI backbone (NCBIN:63368, NCBIP:63371) R;Heller, R.A.; Song, K.; Onasch, M.A.; Fischer, W.H.; Chang, D.; Ringold, G.M. Proc. Natl. Acad. Sci. U.S.A. 87, 6151-6155, 1990 A;Title: Complementary DNA cloning of a receptor for tumor necrosis factor and demon A;Reference number: A36007; MUID:90349572; PMID:2166946
                                                                                                                                                                         C;Superfamily: tumor necrosis factor receptor type 2 (TNFR2); NGF receptor repeat C;Reywords: duplication; glycoprotein; receptor; transmembrane protein F;1-22/Domain: signal sequence #status predicted <SIG> F;23-416/Product: tumor necrosis factor receptor 2 #status experimental <MAT> F;40-76/Domain: NGF receptor repeat homology <NG1> F;78-119/Domain: NGF receptor repeat homology <NG2> F;78-119/Domain: NGF receptor repeat homology <NG2>
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Gene 150, 381-386, 1994
A;Title: Cloning, sequencing and
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A;Title: Purification and partial amino acid sequence analysis
A;Reference number: A23666; MUID:91056048; PMID:2173696
A;Accession: A23666
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A;Residues: 116-140, p.,142-195, R.,197-362, T.,364-461 <HEL>
A;Residues: 116-140, p.,142-195, R.,197-362, T.,364-461 <HEL>
A;Residues: UNIPARC:UPI00001684D8, GB:M35857, NID:g339751; PIDN:AAA63262.1; PID:
R;Loetscher, H.; Schlaeger, B.J.; Lahm, H.W.; Pan, Y.C.E.; Lesslauer, W.; Brockhaus, M.
J. Biol. Chem. 265, 20131-20138, 1990
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A;Residues: 1-195,'R', 197-461 <KOH>
A;Cross-references: UNIPARC:UPI000003475F; GB:M55994; GB:M38549; NID:g339757; PIDN:AAA36
R;Dembic, Z; Loetscher, H.; Gubler, U.; Pan, Y.C.; Lahm, H.W.; Gentz, R.; Brockhaus, M.
Cytokine 2, 231-237, 1990
                                                                                                      F;120-162/Domain: NGF receptor repeat homology <NG3>F;164-201/Domain: NGF receptor repeat homology <NG4>
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A;Introns: 26/3
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A;Accession: I38094
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A;Accession: B35010
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A; Residues: 23-40;65-69;136-141;300-306 <LOE>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A; Molecule type: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A;Status: preliminary; translated from GB/EMBL/DDBJ
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Y;Kohno, T.; Brewer, M.T.; Baker, S.L.; Schwartz, P.B.; King, M.W.; Hale, K.K.; Squires,
Proc. Natl. Acad. Sci. U.S.A. 8331-8335, 1990
V;Title: A second tumor necrosis factor receptor gene product can shed a naturally occus
V;Reference number: A36475; MUID:91045991; PMID:2172983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  . Biol. Chem. 265, 1531-1536, 1990 ;Title: Two tumor necrosis factor-binding ;Reference number: A35010; MUID:90110215;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Reference number: A48416; Accession: A48416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;Residues: 1-37 <RES>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;Cross-references: UNIPARC:UPI00001736EA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ;Status: preliminary
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                                                                          262-279/Domain:
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site: carbohydrate
                                       transmembrane #status predicted <TMN>
intracellular #status predicted <INT>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  O.; Wallach,
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   (covalent) #status
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A;Gene: GDB:LAMA1; LAMA
A;Cross-references: GDB:120135; OMIM:150320
A;Map position: 18p11.32-18p11.22
A;Map position: 18p11.32-18p11.22
C;Superfamily: laminin alpha-1 chain; laminin G repeat homology; laminin-type EGF-like homology: coiled coil; disulfide bond; Keywords: basement membrane; calcium binding; cell binding; coiled coil; disulfide bond; F;1-17/Domain: signal sequence #status predicted <SIG>
F;18-3075/Product: laminin alpha-1 chain #status predicted <MAT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A;Molecule type: mRNA, A;Molecule type: mRNA, A;Molecule type: mRNA, A;Residues: 1-227, FE, 230-251, 'MLP',255-418, 'E',420-518, 'L',520-1022, 'V',1024-1074, 'V', A;Residues: 1-227, FE, 230-251, 'MLP',255-418, 'E',58531; NID:g34225; PIDN:CAA41418.1; PID A;Cross-references: UNIPARC:UPI00016ABB4; EMBL:X58531; NID:g34225; PIDN:CAA41418.1; PID R;Olsen, D; Nagayoshi, T.; Fazio, M.; Peltonen, J.; Jaakkola, S.; Sanborn, D.; Sasaki, Lab. Invest. 60, 772-782, 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Biochem. J. 276, 369-379, 1991
A;Title: Primary structure of the human laminin A chain.
A;Reference number: S14663; MUID:91264789; PMID:2049067
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A;Residues: 1-3075 <HAA>
A;Cross-references: UNIPROT:P25391; UNIPARC:UPI000012E763
R;Nissinen, M.; Vuolteenaho, R.; Boot-Handford, R.; Kallunki,
Biochem. J. 276, 369-379, 1991
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                                                                        F;902-948/Domain: laminin-type EGF-like homology <LE10>F;951-995/Domain: laminin-type EGF-like homology <LE11>
                                                                                                                                                    F;709-739/Domain: laminin-type
F;742-788/Domain: laminin-type
F;791-846/Domain: laminin-type
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                                                                                                                           F;849-899/Domain:
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F;270-516/Domain: V <DOM5>
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A; Residues: 'W',2397-2745,'L',2747-3053,'L',3055-3072,'PSP'
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Pred. No. 6.4;
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F;1150-1159/Domain: 1
F;1160-1361/Domain: I
F;1362-1553/Domain: I
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F;1403-1449/Domain: laminin-type EGF-like homology <LE18>
F;1452-1506/Domain: laminin-type EGF-like homology <LE19>
F;1509-153/Domain: laminin-type EGF-like homology <LE20>
F;1509-153/Domain: laminin-type EGF-like homology <LE20>
F;1516-2120/Region: cell adhesion #status predicted
F;2126-2120/Region: cell adhesion #status predicted
F;2126-3075/Domain: laminin G repeat homology <LG1>
F;2142-2300/Domain: laminin G repeat homology <LG2>
F;2142-2300/Domain: laminin G repeat homology <LG3>
F;2510-2676/Domain: laminin G repeat homology <LG3>
F;2510-2676/Domain: laminin G repeat homology <LG3>
F;2510-2676/Domain: laminin G repeat homology <LG4>
F;2510-2676/Domain: laminin G repeat homology <LG4>
F;2510-2676/Domain: laminin G repeat homology <LG4>
F;2516-3073/Domain: laminin G repeat homology <LG5>
F;38,164,555,665,763,801,838,926,952,1045,1407,1579,1596,1678,1689,1698,1717,1804,1894,1
F;297-305/Disulfide bonds: #status predicted
F;297-305/Disulfide bonds: #status predicted
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                                                                                                                                                             1116 GA------CPCKENVFGPQCNECREGTFALRAD 1142
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                                                                                                                                                                                                                                                                                                                                                                                   19 CAVITGACERDVQCGAGTCCAISLWLRGLRMCTPL----GREGEECH------P 62
                                                                                                                                                                                                                                     63 GSHKVPFFRKRKHHTCPCLPNLL---CSRFPDGRYRCSMD 99
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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Q5VMD4 HUMAN
Q8TC59 HUMAN
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Q8K457 MOUSE
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Q863H4 BOVIN
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Q4SR17 TETUNG
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Zhang Z., Henzel W.J. "Signal peptide prodi

PubMed=15340161;

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DOI=10.1110/ps.04682504;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             This Swiss-Prot entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the European Bioinformatics Institute. There are no restrictions on it
                                                                   Homo sapiens (Human
Eukaryota; Metazoa;
                                                                                           Prokineticin 1.
Name=PROK1; ORFNames=RP11-470L19.1-001;
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  NUCLEOTIDE SEQUENCE Hall R.;
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Direct protein sequencing; G
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               H-InvDB; HIX0000868;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         testis, adrenal and placenta.
SIMILARITY: Belongs to the prokinecitin family.
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TISSUE SPECIFICITY: Expressed in the
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AY029225;
AY358683;
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                                                                                                                                                                                                                                                                                                                            Similarity
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AAK33111.1; -;
AAQ89046.1; -;
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                                                                                                                                                                                                                                                                                                                                                                                                                   RA Strausberg R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D., RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D., RA Klausner R.D., Collins F.S., Betow K.H., Schaefer C.F., Bhat N.K., RA Altechul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K., RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F., RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F., RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F., RA Hopkins R.F., Jordan H., Moore T., Rabin G.M., Hong L., Scheetz T.E., Rabin G.M., Hong L., Toshiyuki S., Carninci P., Prange C., RA Brownstein M.J., Ugdin T.B., Toshiyuki S., Carninci P., Prange C., RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J., Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J., Raha S.S., Morley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W., Villalon D.K., Muzny D.M., Sodergren B.J., Lu X., Gibbs R.A., Fahey J., Helton B., Ketteman M., Madan A., Rodrigues S., Sanchez A., Rah Hiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rah Blakesley R.W., Touchman J.W., Green E.D., Marra M.A., "Generation and initial analysis of more than 15,000 full-length human Terminan Touchman R.D., Marra M.A., "Generation and initial analysis of more than 15,000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local :
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01-JUN-2002
01-MAR-2004
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                                                                                                          EMBL; BC025399; AAH25399.
HSSP; P25687; 1IMT.
InterPro. Trans.
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59_HUMAN
Q8TC69_HUMAN PRELIMINARY;
Q8TC69;
                              InterPro; IPR009523; Prokineticin.
PANTHER; PTHR18821; Prokineticin; 1.
Pfam; PF06607; Prokineticin; 1.
                                                                                                                                                                                                  Strausberg R.;
Submitted (MAR-2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUCLEOTIDE Wallis J.;
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                                                                                                                                                                                                                                                                                                                                                                                                  and mouse cDNA sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (Human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Name=PROK1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prokineticin 1.
                                                                                                                                                                                                                                                                       TISSUE=Testi
                                                                                                                                                                                                                                                                                                  NUCLEOTIDE SEQUENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TaxID=9606;
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   Prokineticin; 1. AA; 11729 MW;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Chordata;
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Pred. No. 9.2e-54;
                                                                                                                                                                                                                                                                                                                                                                   99:16899-16903 (2002) .
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      E570FDE30EFB52D2 CRC64;
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Genomic_DNA.
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RESULT 4
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Best Local Similarity
Pfam; PF06607; Prokineticin; 1
Growth factor; Mitogen; Signal SIGNAL 1 19 P.
CHAIN 20 105 P.
DISULFID 26 38 B.
DISULFID 37 78 B.
DISULFID 60 86 B.
DISULFID 60 86 B.
DISULFID 80 96 B.
SEQUENCE 105 AA; 11643 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    This Swi
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Abe M., Ful
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10-MAY-2005 (Rel. 47, Last annotation update)
Prokineticin 1 precursor (Endocrine-gland-derived vascular endothelial
growth factor) (EG-VEGF).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRAIN=Sprague-Dawley;
MEDLINE=22050031; PubMed=12054613; DOI=10.1016/S0006-291X(02)00239-5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
Muroidea; Muridae; Murinae; Rattus.
                                                                                                                                                                                                                                                PANTHER;
                                                                                                                                                                                                                                                                                                                                                                           Ensembl
                                                                                                                                                                                                                                                                                                                                                                                                  HSSP;
                                                                                                                                                                                                                                                                                                                                                                                                                         EMBL; AY089983; AAM09104.1; -; mRNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Biochem.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Masuda Y., Takatsu Y., Terao Y., Kumano S., Ishibashi Y
Abe M., Fukusumi S., Watanabe T., Shintani Y., Yamada T
Inatomi N., Ohtaki T., Onda H., Pujino M.;
"Isolation and identification of EG-VEGF/prokineticins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUCLEOTIDE SEQUENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rattus norvegicus (Rat).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10-OCT-2003 (Rel. 42,
10-OCT-2003 (Rel. 42,
10-MAY-2005 (Rel. 47,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Q8R414;
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                                                                                                                                                                                                                                                                          InterPro;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ligands for two orphan G-protein-coupled receptors.";
Biochem. Biophys. Res. Commun. 293:396-402(2002).
-1- FUNCTION: Potently contract gastrointestinal (GI) smooth muscle.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0-OCT-2003
                                                                                                                                                                                                                                                                  GO:0008283; P:cell proliferation; TAS. GO:0045765; P:regulation of angiogenesis; PrPro; IPR009523; Prokineticin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUBCELLULĂR LOCATION: Secreted (By similarity).
SIMILARITY: Belongs to the prokinecitin family.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           European
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Induces proliferation, migration and fenestration (the form of membrane discontinuities) in capillary endothelial cells of membrane discontinuities. Has little or no effect on a derived from endocrine glands. Has little or no effect on a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               similarity)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 variety of other endothelial and non-endothelial cell types
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Swiss-Prot entry is copyright. It is produced through a collaboration een the Swiss Institute of Bioinformatics and the EMBL outstation -
                                                                                                                                                                                                                                                                                                                                                    620898; Prok1.
                                                                                                                                                                                                                                                                                                                                                                                                P25687;
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                                                                                                                                                                                                                                                PTHR18821; Prokineticin; 1.
                                                                                                                                                                                                                                                                                                                                                                      ENSRNOG00000018201; Rattus norvegicus.
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Bioinformatics Institute.
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Pred. No. 1.2e
1; Mismatches
                       Potential.
Prokineticin
By similarity
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.2e-53;
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RESULT 6
Q4RVU3_TETNG
ID Q4RVU3_TETNG F
AC Q4RVU3;
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Best Local
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 QBK457_MOUSE PRELIMINARY;
QBK457;
QBK457;
01-OCT-2002 (TrEMBLrel. 22, L
01-OCT-2002 (TrEMBLrel. 22, L
01-MAR-2004 (TrEMBLrel. 26, L
                                       13-SEP-2005
13-SEP-2005
13-SEP-2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NON TER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GO; GO:0005576; C:extracellular region; IDA. GO; GO:000187; P:activation of MARY; IDA. GO; GO:0007623; P:circadian rhythm; TAS. GO; GO:0008284; P:positive regulation of cell GO; GO:0045765; P:regulation of angiogenesis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HSSP; P25687; 1IMT
Ensembl; ENSMUSG00000046213; Mus musculus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EMBL; AF487281; AAM49573.1; -;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDLINE-22022134; PubMed=12024206; DOI=10.1038/417405a; Cheng M.Y., Bullock C.M., Li C., Lee A.G., Bermak J.C., Bel Weaver D.R., Leslie F.M., Zhou Q.-Y.; "Prokineticin 2 transmits the behavioural circadian rhythm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurogna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Name=Prok1; Synonyms=Pk1;
Mus musculus (Mouse).
                         Chromosome 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pfam;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PANTHER;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MGI; MGI:2180370; Prok1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          suprachiasmatic nucleus.";
Nature 417:405-410(2002).
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(Fragment).
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                     (TrEMBLrel. 31, Created)
(TrEMBLrel. 31, Last sequence update)
(TrEMBLrel. 31, Last annotation update)
9 SCAF14991, whole genome shotgun sequence
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87.7%;
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Pred. No. 1.8e
5; Mismatches
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Pred. No. 3.7e-49;
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1.8e-37;
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RESULT 7
Q863H4 BOVIN
ID 6963H4 BOVIN
AC Q863H4;
DT 01-JUN-2003 (7
DT 01-MAR-2004 (7
DT 01-MAR-2004 (7
DE Bv8/prokinetic
OS Bos taurus (Be
OC Eukaryota; Met
OC Eukaryota; Met
OC Mammalia; Eutl
OC Pecora; Bovida
OX NCBI TaxID-991
RN [1]
RN [1]
RN [1]
RY MEDLINE=22612
RA MEDLINE=22612
RA Kaser A, Win)
RT EMBO Rep. 4:46
DR HSSP; P25687;
DR HSSP; P25687;
DR PANTHER; PTH:
CR PFAm; PF06607,
DR Pfam; PF06607.
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Matches 57
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A Mauceli E., Bouneau L., Fischer C., Ozouf-Costaz C., Bernot A.,
A Micaud S., Jaffe D., Fisher S., Lutfalla G., Dossat C., Segurens B.,
A Nicaud S., Jaffe D., Fisher S., Lutfalla G., Dossat C., Segurens B.,
A Dasilva C., Salanoubat M., Levy M., Boudet N., Castellano S.,
A Dasilva C., Subli Z., Cattolico L., Poulain J., De Berardinis V.,
A Biemont C., Skalli Z., Cattolico L., Poulain J., De Berardinis V.,
A Cruaud C., Duprat S., Brottier P., Coutanceau J.P., Gouzy J.,
A Cruaud C., Duprat S., Chapple C., McKernan K.J., McEwan P., Bosak S.,
A Parra G., Lardier G., Chapple C., McKernan K.J., McEwan P., Bosak S.,
A Kellis M., Volff JN., Guigo R., Zody M.C., Mesirov J.,
A Kellis M., Volff JN., Guigo R., Zody M.C., Mesirov J.,
A Kellis M., Volff JN., Guigo R., Zody M.C., Mesirov J.,
A Lindblad-Toh K., Birren B., Nusbaum C., Kahn D., Robinson-Rechavi M.,
A Lindblad-Toh K., Birren B., Nusbaum C., Kahn D., Robinson-Rechavi M.,
A Lindbrad V., Schachter V., Quetier F., Saurin W., Scarpelli C.,
Wincker P., Lander E.S., Weissenbach J., Roest Crollius H.;
Tenome duplication in the teleost fish Tetraodon nigroviridis reveals
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EMBL; CAA
NON TER
SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                         Bos taurus (Bovine).
Eukaryota, Metazoa, Chordata, Crania
Mammalia, Eutheria, Laurasiatheria,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01-JUN-2003 (TrEMBLrel. 24, Created)
01-JUN-2003 (TrEMBLrel. 24, Last sequence update)
01-MAR-2004 (TrEMBLrel. 26, Last annotation updat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tetraodon nigroviridis (Green puffer).

Eukaryota; Metazoa; Chordata; Cranitata; Vertebrata; Euteleostomi;

Actinopterygii; Neopterygii; Teleostei; Buteleostei; Neoteleostei;

Acanthomorpha; Acanthopterygii; Percomorpha; Tetraodontiformes;

Tetradontoidea; Tetraodontidae; Tetraodon.
      InterPro; IPR009523; Prokineticin. PANTHER; PTHR18821; Prokineticin; Pfam; PF06607; Prokineticin; 1.
                                                                                             Kaser A., Winklmayr M., Lepperdinger "The AVIT protein family "; EMBO Rep. 4:469-473(2003). EMBL, AY192558; AAP31907.1; -; mRNA. HSSP; P25687; IIMT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genoscope;
Submitted
                                                                                                                                                                                                                    MEDLINE=22612805; PubMed=12728244; DOI=10.1038/sj.embor.embor830.
Kaser A., Winklmayr M., Lepperdinger G., Kreil G.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bv8/prokineticin 2-like
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Nature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ACCITION DEFINANCE.

BECOPE; Whitehead Institute Centre for Genome Researce, street (FEB-2004) to the EMBL/GenBank/DDBJ databases.

CAUTION: The sequence shown here is derived from an CAUTION: Whole genome shotgun (WGS) entry we have the control of the control 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            early vertebrate proto-karyotype.";
ure 431:946-957(2004).
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57; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                      Bovinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Chordata; Craniata; Vertebrata;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CAG07489.1; -; Genomic_DNA.
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                                                                 Prokineticin.
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Pred. No. 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8DA4DC1B388B3052 CRC64;
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RESULT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                 Boisbouvier J., Albrand J.-P., Blackledge M., Jaquinod M.,
Bockweitz H., Lazdunski M., Marion D.,
R. Schweitz H., Lazdunski M., Marion D.,
R. Structural homologue of colipase in black mamba venom revealed
NMR floating disulphide bridge analysis.",
J. Mol. Biol. 283:205-219(1998).
1- PUNCTION: Potently contracts gastrointestinal (GI) smooth musc
May act on potensium channels, but not on Kvl.1, Kvl.2, Kvl.3,
Kvl.4, Kvl.5, Kv2.1, Kv3.4, Kv4.2, TREK-1, HERG, KCNQ1, KCNQ2,
KCNQ3, IRK1, IRK2, ROMK1, GIK1, 2 and GIRK1,4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              P25687;
01-MAY-1992 (Rel. 22, Created)
13-SEP-2005 (Rel. 48, Last sequence update)
13-SEP-2005 (Rel. 48, Last annotation updat
Intestinal toxin 1 (Mamba intestinal toxin
DISULFID
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Lepidosauria; Squamata; Scleroglossa; Serpentes; Colubroidea;
Elapidae; Elapinae; Dendroaspis.
                                      3D-structure;
DISULFID
                                                                                                                                    This Swiss-Prot entry is copyright. It is produced through between the Swiss Institute of Bioinformatics and the El
                                                                                                                                                                                                                                                                                                                                                                                                          Schweitz H., Pascaud P., Diochot "MIT1, a black mamba toxin with
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Joubert F.J., Strydom D.J.;

"Snake venom. The amino acid sequence of protein A f
polylepis polylepis (black mamba) venom.";

Hoppe-Seyler's Z. Physiol. Chem. 361:1787-1794(1980)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       protein A)
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                                                                  PDB; 1IMT;
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                                                                                                                                                                                                                                                                                                                            MEDLINE=98437381; PubMed=9761684; DOI=10.1006/jmbi.1998.2057;
                                                                                                                                                                                                                                                                                                                                            TISSUE=Venom;
                                                                                                                                                                                                                                                                                                                                                        STRUCTURE BY NMR OF
                                                                                                                                                                                                                                                                                                                                                                                                                           MEDLINE=20036442; PubMed=10567694; DOI=10.1016/S0014-5793(99)01459-3;
Schweitz H., Pascaud P., Diochot S., Moinier D., Lazdunski M.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDLINE=81115818; PubMed=7461607;
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                                                                                                           European
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SIMILARITY: Belongs to the prokinecitin family.
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 NMR; @=1-8
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Pred. No. :
                                                       sequencing;
                                                                                                                                                                                                                                                                                                                                                          DISULFIDE
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                                                                                                                                                                                                                                                                                                                                                                                                                                          RX MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RX Strausberg R.L., Feingold B.A., Grouse L.H., Derge J.G.,
RX Klausner R.D., Collins F.S., Wagner L.H., Schaefer C.F., Bhat N.K.,
RX Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RX Altschul S.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RX Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RX Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RX Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RX Brownstein M.J., WcKernan K.J., Malek J.A., Gunaratne P.H.,
RX Alas S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RX Raha S.S., McGwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RX Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RX Richards S., Worley K.C., Hale S., Garcia A.M., Gibbs R.A.,
RX Richards S., Wallalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RX Richards S., Wadan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RX Rahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RX Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RX Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RX Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RX Blakesley R.W., Touchman J.W., Schmutz J., Skalska U., Smailus D.E.,
RX Chnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
"Generation and initial analysis of more than 15,000 full-length human
rand mouse cDNA sermences."
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Name=PROK2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 05-JUL-2004 (TrEMBLrel. 27, Created)
05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
13-SEP-2005 (TrEMBLrel. 31, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Q6ISRO; HUMAN PRELIMINARY;
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Submitted
                            TISSUE=PCR rescued
NIH MGC Project;
                                                                                                                                 NIH MGC Project,
Submitted (MAY-2
                                                                                                                                                                                                                                                                                                                       NUCLEOTIDE
TISSUE=PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TISSUE=PCR
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Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (Human).
                                                                                                                                                                                TISSUE=PCR rescued clones;
                                                                                                                                                                                                               NUCLEOTIDE SEQUENCE
                                                                                                                                                                                                                                                                     Submitted
                                                                                                                                                                                                                                                                                              Strausberg
                                                                              NUCLEOTIDE SEQUENCE
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l. Acad. Sci. U.S.A.
(JUN-2005) to the
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C -> S (in Ref. 1).
S -> C (in Ref. 1).
R -> RK (in Ref. 1).
5F6B70343433BB03 CRC64;
EMBL/GenBank/DDBJ databases
                                                                                                                                   EMBL/GenBank/DDBJ databases
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Pred.
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No. 3.1e-25;
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RESULT 10
GOJFQO BOWN
DOJFQO
DOJFQO
DOJFQO
DOT 01--QO
DOT 01--QO
DOT 01--W
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  RESULT 11
Q4SR12 TETMG
ID Q4SR12 T
AC Q4SR12;
DT 13-SEP-2
DT 13-SEP-2
DT 13-SEP-2
DT 13-SEP-2
DT (Fragment
GN ORFMames
OS Tetraodd
OC Eukaryot
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Best Local
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EMBL; BC096695; AAH96695.1; -; mRNA.

EMBL; BC0986110; AAH98110.1; -; mRNA.

Ensembl; ENSG00000163421; Homo sapiens.

InterPro; IPR009523; Prokineticin.

Pfam; PF06607; Prokineticin; 1.
(Fragment).

ORFNames=GSTENG00014129001;

Tetraodon nigroviridis (Green puffer).

Marazoa: Chordata; Craniata;
                                                                                              13-SEP-2005 (TrEMBLrel. 31, Created)
13-SEP-2005 (TrEMBLrel. 31, Last sequence update)
13-SEP-2005 (TrEMBLrel. 31, Last annotation update)
13-SEP-2005 (TrEMBLrel. 31, Last annotation update)
Chromosome 11 SCAF14528, whole genome shotgun sequence
                                                                                                                                                                                             Q4SR12_TETNG
Q4SR12;
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01-OCT-2002 (TrEMBLrel.
01-OCT-2002 (TrEMBLrel.
01-MAR-2004 (TrEMBLrel.
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QBJFQ0_BOMMX PRELIMINARY;
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MEDLINE=22515712; Pubmed=12628381; DOI=10.1016/S1096-4959(02)00294-4;

Lai R., Liu H., Lee W.H., Zhang Y.;

"Two novel Bv8-like peptides from skin secretions of the toad Bombina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EMBL; AF411091; AĀNO3822.1; -; mRNA.
HSSP; P25687; 11MT.
InterPro; IPRR09523; Prokineticin.
PANTHER; PTHR18821; Prokineticin; 1.
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52; Conserv
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2 (TrEMBLrel. 22,
4 (TrEMBLrel. 26,
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55.2%;
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Last sequence update)
Last annotation updat
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Pred. No. 1.9
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Pred. No. 7.3e-24;
5; Mismatches 24
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nes 28;
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A Mauceli E., Bouneau L., Fischer C., Ozouf-Costaz C., Bernot A.,
A Nicaud S., Jaffe D., Fischer S., Lutfalla G., Dossat C., Segurens B.,
A Nicaud S., Jaffe D., Fischer S., Lutfalla G., Dossat C., Segurens B.,
A Anthouard V., Jubin C., Castelli V., Katlıka M., Vacherie B.,
A Anthouard V., Jubin C., Castelli V., Katlıka M., Vacherie B.,
Biemont C., Skalli Z., Cattolico L., Poulain J., De Berardinis V.,
A Cruaud C., Duprat S., Brottier P., Coutanceau J.P., Gouzy J.,
A Cruaud C., Lardier G., Chapple C., McKernan K.J., McEwan P., Bosak S.,
A Rellis M., Volff JN., Guigo R., Zody M.C., Mesirov J.,
A Kindblad-Tok K., Birren B., Nusbaum C., Kahn D., Robinson-Rechavi M.,
A Laudet V., Schachter V., Quetier F., Saurin W., Scarpelli C.,
"Genome duplication in the teleost fish Tetraodon nigroviridis reveals
the early vertebrate proto-karyotype.";
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NON TER
SEQUENCE
                                                                                                                                                            STRAIN=Sprague-Dawley;

MEDLINE=22050031; PubMed=12054613; DOI=10.1016/S0006-291X(02)00239-5;

Masuda Y., Takateu Y., Terao Y., Kumano S., Ishibashi Y., Suenaga M.,

Abe M., Fukusumi S., Watanabe T., Shintani Y., Yamada T., Hinuma S.,

Inatomi N., Ohtaki T., Onda H., Fujino M.;

"Isolation and identification of EG-VGF/prokineticins as cognate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genoscope; Whitehead Institute Centre ror or Submitted (FEB-2004) to the EMBL/GenBank/DD-I- CAUTION: The sequence shown here is der EMBL/GenBank/DDBJ whole genome shotgun
EFFECT ON CIRCADIAN LOCOMOTOR ACTIVITY.
MEDLINE=22022134; PubMed=12024206; DOI=10.1038/417405a;
Cheng M.Y., Bullock C.M., Li C., Lee A.G., Bermak J.C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurogna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Name=Prok2; Synonyms=Bv8; Rattus norvegicus (Rat).
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                                                                                                                   for two orphan G-protein-coupled receptors.", Biophys. Res. Commun. 293:396-402(2002).
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13-SEP-2005 (TYEMBLIFE). 31, Last sequence up.
13-SEP-2005 (TYEMBLIFE). 31, Last annotation.
Prokineticin 2 variant 1S/2/4.
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Q50E37 9MURI PRELIMINARY;
Q50E37;
PubMed=15851527; DOI=10.1177/0748730405275135;
Lambert C.M., Machida K.K., Smale L., Nunez A.A., W.
"Analysis of the Prokineticin 2 System in a Diurnal
                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniat.
Mammalia; Eutheria; Euarchontoglires;
Muridae; Murinae; Arvicanthis.
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suprachiasmatic nucleus.";
                                                                                             NUCLEOTIDE SEQUENCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     inhibited by period genes (PER1, PER2 and PER3) and cryptochrome genes (CRY1 and CRY2) (Probable).
SIMILARITY: Belongs to the prokinecitin family.
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TISSUB SPECIFICITY: Expressed at high levels in testis and at lower levels in brain, lung, ovary, spleen, thymus and uterus.
INDUCTION: Activated by CLOCK and BMALL heterodimers and light;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AY089984; AAM09105.1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FRKRKHHTCPCLPNLLCSRFPDGRYRC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKVPF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WGRRMHHTCPCLPGLACLRTSFNRFIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IPR009523;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     N: May function as an output molecule from the clasmatic nucleus (SCN) that transmits behavioral circadian may also function locally within the SCN to synchronize Potently contracts gastrointestinal (GI) smooth muscle (B)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                as its content is in no way
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bv8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 F:G-protein-coupled receptor binding;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 107
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      50.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Potential.
Prokineticin 2.
By similarity.
By similarity.
By similarity.
By similarity.
By similarity.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 298;
Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rattus norvegicus
                                                                                                                                                                                                                        n grass rat).
Craniata; Vertebrata; Euto
Oglires; Glires; Rodentia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BDFF316CDCB5FED0 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
2.4e-23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ₽
                                                                                                                                                                                                                                                                                                                                                                                    update)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and the
Weaver D.1
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                                                                                                                                                                                                                           Sciurognathi;
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RESULT 14

Q50E38 9MURI

Q50E38 9MURI

D50E38;

DT 03-SEP-2005 (TrEMBLrel. 31, Created)
DT 13-SEP-2005 (TrEMBLrel. 31, Last sequence update)
DT 13-SEP-2005 (TrEMBLrel. 31, Last sequence update)
DT 13-SEP-2005 (TrEMBLrel. 31, Last annotation update)
DT 13-SEP-2005 (TrEMBLrel. 31, Last annotation update)
DT 13-SEP-2005 (TrEMBLrel. 31, Last annotation update)
DT 13-SEP-2005 (TrEMBLrel. 31, Last sequence update)
DE Prokineticin 2 Vertebrata; Eutoriate; Craniata; Vertebrata; Eutoriate; Glires; Rodentia; Craniata; Marinae; Arvicanthis.

OC Maridae; Murinae; Arvicanthis.

OC Muridae; Murinae; Arvicanthis.

OC Muridae; Murinae; Arvicanthis.

OC NCBI_TAXID=61156;
RN [1]
RP NUCLEOTIDE SEQUENCE.
RY PubMed=15851527; DOI=10.1177/0748730405275135;
RX Lambert C.M., Machida K.K., Smale L., Nunez A.A., Weave "Analysis of the Prokineticin 2 System in a Diurnal Roc "Analysis of the Prokineticin 2 System in a Diurnal Roc "Analysis of the Prokineticin 2 System in a Diurnal Roc "Analysis of the Prokineticin 2 System in a Diurnal Roc "BBL; AY820154; AAV73830.1; -; mRNA.

EMBL; AY820154; AAV73830.1; -; mRNA.

SQ SEQUENCE 107 AA; 11581 MM; DDBDBB472B5C8045 CRC64;
                                      RESULT Q863H57
ID Q863H57
ID C98
ID D7 011
ID 
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Best Local S
Matches 47
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Best Local Similarity
                                                                                                                                                                                                                                    Q863H5 BOVIN PRELIMINARY; PRT; 128 AA.
Q863H5;
Q01-UN-2003 (TrEMBLrel. 24, Created)
O1-UN-2003 (TrEMBLrel. 24, Last sequence update)
O1-MAR-2004 (TrEMBLrel. 26, Last annotation update)
Bv8/prokineticin 2-like protein.
Bos taurus (Bovine).
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Eutheria; Laurasiatheria; Cetartiodactyla; Ruminantia;
Peccora; Bovidae; Bovinae; Bos.
TISSUE=Testis;
MEDLINE=22618805; PubMed=12728244; DOI=10.1038/sj.embor.embor830;
Kaser A., Winklmayr M., Lepperdinger G., Kreil G.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUCLEOTIDE SEQUENCE.

PubMed=15851527; DOI=10.1177/0748730405275135;

PubMed=15851527; DOI=10.1177/0748730405275135;

Lambert C.M., Machida K.K., Smale L., Nunez A.A., We "Analysis of the Prokineticin 2 System in a Diurnal Unstriped Nile Grass Rat (Arvicanthis niloticus).";

J. Biol. Rhythms 20:206-218(2005).

EMBL; AV820154; AAV73830.1; -; mRNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Arvicanthis niloticus (African grass rat).

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognamuridae; Murinae; Arvicanthis.

NCBI_TaxID=61156;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unstriped Nile Grass Rat (Arvicanthis niloticus).";
J. Biol. Rhythms 20:206-218(2005).
EMBL; AY820155; AAV73831.1; -; mRNA.
SEQUENCE 107 AA; 11597 MW; CFAE8947354361BB CRC
                                                                                                                                                      NUCLEOTIDE SEQUENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BOVIN
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47; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      107 AA; 11581 MW; DDBDBB472B5C8045 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          50.6%;
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49.0%; Pred. No. 2.4e-23;
Live 19; Mismatches 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Score 298; DB 2; L; Pred. No. 2.4e-23; 16; Mismatches 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -; mRNA.
W; CFAE8947354361BB CRC64;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Weaver D.R.; al Rodent, the
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I EMBO Rep. 4:469-473(2003).

R EMBI, XX192557; AAP31906.1; -; mRNA.

R HSSP; P25687; ILMT.

R GO; GO:0001576; C:excracellular region; ISS.

R GO; GO:000187; P:accivation of MAPK; ISS.

R GO; GO:000187; P:accivation of MAPK; ISS.

R GO; GO:000183; P:accivation of MAPK; ISS.

R GO; GO:0006916; P:anti-apoptosis; ISS.

R GO; GO:0006936; P:chemotaxis; ISS.

R GO; GO:0006937; P:chemotaxis; ISS.

R GO; GO:0006937; P:chemotaxis; ISS.

R GO; GO:0006937; P:chemotaxis; ISS.

R GO; GO:0007186; P:G-protein coupled receptor protein signalin.

R GO; GO:0007204; P:inflammatory response; ISS.

R GO; GO:0007204; P:positive regulation of cytosolic calcium io.

R GO; GO:0045987; P:positive regulation of smooth muscle contra.

R GO; GO:007203; P:spositive regulation of smooth muscle contra.

R GO; GO:007203; P:positive regulation of smooth muscle contra.
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Best Local
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PANTHER; PTHR18821; Prokineticin; 1.
Pfam; PF06607; Prokineticin; 1.
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Pred. No. 2.9e-23;
"" matches 27;
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Search completed: March 30, 2006, 17:34:51 Job time: 232 secs

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2: /cgm2_6/ptodatta/1/iaa/6_COMB.pep:*
3: /cgm2_6/ptodata/1/iaa/H_COMB.pep:*
4: /cgm2_6/ptodata/1/iaa/PETUS_COMB.pep:*
5: /cgm2_6/ptodata/1/iaa/RE_COMB.pep:*
6: /cgm2_6/ptodata/1/iaa/RE_COMB.pep:*
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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DB
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US-10-212-255-5
US-10-212-255-5
US-10-212-355-5
US-10-212-355-5
US-09-991-181-371
US-09-991-333-371
US-09-992-598-371
US-09-92-598-371
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US-09-161-241-12
US-09-161-241-30
US-10-015-393A-70
US-10-015-393A-70
US-10-015-393A-70
US-10-015-674A-70
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6872, Ap
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Patent No. 6485938

GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Sheppard, Paul O.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Thompson, Penny P.
TITLE OF INVENTION: Human Zven Proteins
FILE REFERENCE: 99-81
CURRENT APPLICATION NUMBER: US/09/712,529
CURRENT FILING DATE: 2000-11-14
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 105
TYPE: PRT
ORGANISM: Homo sapiens
US-09-712-529-5
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ALIGNMENTS

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GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Bishop, Paul D.
APPLICANT: Bishop, Paul D.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Thompson, Penny P.
TITLE OF INVENTION: Human Zven Proteins
FILE REFERENCE: 99-81
CURRENT APPLICATION NUMBER: US/10/212,201A
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: US/9/712,529
PRIOR PILING DATE: 2000-11-14
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                         RESULT 2
US-10-212-201A-5
                                                                                                                                                                                                                                                  Sequence 5, Application US/10212201A Patent No. 6756479
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Best Local Similarity 100.0%;
Matches 105; Conservative 0;
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Pred. No. 1.2e-58;
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CURRENT APPLICATION NUMBER: US/10/212,355
CURRENT FILING DATE: 2002-08-02
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
SEQ ID NO 5
LENGTH: 105
TYPE: PRT
ORGANISM: Homo sapiens
US-10-212-355-5
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; TYPE: PRT
; ORGANISM: Homo 8
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                  Sequence 371,
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Best Local Similarity
                                         APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
  APPLICANT:
                                                                                                                                          APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
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APPLICANT: Bishop, Paul D.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Thompson, Penny P.
TITLE OF INVENTION: Human Zven Proteins
FILE REFERENCE: 99-81
                                                                                                                 APPLICANT:
                             APPLICANT:
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                                                                                                                                                                                       INFORMATION:
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o. 6828425
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Similarity 100.0%;
05; Conservative 0,
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                                         Fong, Sherman
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                                                                                                                                                                                        HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105
              Godowski, Paul J.
Grimaldi, J.Christopher
Gurney, Austin L.
                                                                                                  Ferrara, Napoleone
                                                                                                                 Eaton, Dan L.
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Pred. No. 1.2e-58;
); Mismatches 0;
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Pred. No. 1.2e-58;
); Mismatches 0;
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PRIOR FILING DATE: 1997-06-16
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
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PRIOR PILING DATE: 1997-11-24
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PRIOR PILING DATE: 1998-03-20
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CURRENT FILING DATE: 2001-11-16
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C53
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RAPPLICATION NUMBER: 60/087106

DR FILING DATE: 1998-05-28

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FILING DATE: 1998-06-04
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APPLICATION NUMBER: 60/088861
FILING DATE: 1998-06-11

FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088824 FILING DATE: 1998-06-10

APPLICATION NUMBER: FILING DATE: 1998-06 APPLICATION NUMBER:

1998-06-10

60/088742

60/088810

APPLICATION NUMBER: 60/088826

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FILING DATE: 1998-01
APPLICATION NUMBER: APPLICATION NUMBER:

1998-06-12

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APPLICATION NUMBER: 60/088876 FILING DATE: 1998-06-11

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FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091519
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FILING DATE: 1998-06-25
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FILING DATE: 1998-06-25
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o. 6930170
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                            Pong, Sherman
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Andrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Kljavin, Ivar J.
Napier, Mary A.
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                                                                                                                                                                                                   Ferrara, Napoleone
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Eaton, Dan L.
 Paoni, Nicholas
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Pred. No. 1.2e-58;
; Mismatches 0;
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FILING DATE: 1998-06-18
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DR APPLICATION NUMBER: 60/089599
DR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089600
DR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089653
DR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089801

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OR APPLICATION NUMBER: 60/089532
OR FILLING DATE: 1998-06-17
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R FILING DATE: 1998-06-16
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OR APPLICATION NUMBER: 60/090435
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2730F1C19
CURRENT APPLICATION NUMBER: US/09/990,444
CURRENT FILING DATE: 2001-11-14
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art, Timothy /
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APPLICATION NUMBER: 60/090690
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APPLICATION NUMBER: 60/092182
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APPLICATION NUMBER: 60/091519
FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091626
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APPLICATION NUMBER: 60/091478
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APPLICATION NUMBER: 60/091544
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Grimaldi, J.Christopher
Gurney, Austin L.
Kljavin, Ivar J.
Napier, Mary A.
Pan James
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Roy, Margaret
Stewart, Timot
Tumas, Daniel
            Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A
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Botstein, David
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PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-04-28
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILS REFERENCE: P2730P1C27
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R APPLICATION NUMBER: 60/01 R FILING DATE: 1998-06-10 R APPLICATION NUMBER: 60/01 R FILING DATE: 1998-06-11 R APPLICATION NUMBER: 60/01 R FILING DATE: 1998-06-11

60/088861 60/088858 NUMBER: 60/088826

APPLICATION NUMBER: 60/088876 FILING DATE: 1998-06-11 APPLICATION NUMBER: 60/089105

FILING DATE: 1998-06-

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RESULT 7
US-09-992-598-371
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APPLICANT:
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Best Local S
Matches 105
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                                            APPLICANT:
APPLICANT:
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APPLICANT:
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NR APPLICATION NUMBER: 60/090690
NR FILING DATE: 1998-06-25
NR APPLICATION NUMBER: 60/090694
NR FILING DATE: 1998-06-25
NR APPLICATION NUMBER: 60/090695
NR APPLICATION NUMBER: 60/090695
NR APPLICATION NUMBER: 60/090695
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APPLICATION NUMBER: 60/092182
FILING DATE: 1998-07-09
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APPLICATION NUMBER: 60/091982
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APPLICATION NUMBER: 60/091978
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FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091633
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APPLICATION NUMBER: 60/091360
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APPLICATION NUMBER:
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FILING DATE: 1998-06-25
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Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
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Watanabe, Coli
Williams, P. M
Wood, William
                                                                           Roy,
                                                                                                                                  Grimaldi, J. Christopher
Gurney, Austin L.
Kljavin, Ivar J.
                                            Stewart, Timo
Tumas, Daniel
                                                                                          Paoni, Nicholas
                                                                                                                                                                                     Godowski, Paul
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Eaton, Dan L.
                                                                                                                                                                                                                                                                                                        Baker, Kevin P.
Botstein, David
                                                                                                         Pan,James
                                                                                                                    Napier, Mary A.
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ilarity 100.0%;
Conservative
                                                         Margaret Ann
art, Timothy
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               Colin K.
P. Mickey
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Pred. No. 1.2e-58;
; Mismatches 0;
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OR APPLICATION NUMBER: 60/089440
OR FILING DATE: 1998-06-16
OR APPLICATION NUMBER: 60/089512
OR FILING DATE: 1998-06-16
OR APPLICATION NUMBER: 60/089514
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089538
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089598
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089600
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089600
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089600
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089907
OR APPLICATION NUMBER: 60/089901
OR APPLICATION NUMBER: 60/089901
OR APPLICATION NUMBER: 60/089907
OR APPLICATION NUMBER: 60/09024
OR APPLICATION NUMBER: 60/09025
OR APPLICATION NUMBER: 60/09025
OR APPLICATION NUMBER: 60/09025
OR APPLICATION NUMBER: 60/09025
OR APPLICATION NUMBER: 60/09035
OR APPLICATION NUMBER: 60/09035
OR APPLICATION NUMBER: 60/09044
OR APPLICATION NUMBER: 60/09042
OR APPLICATION NUMBER: 60/09043
OR APPLICATION NUMBER: 60/09043
OR APPLICATION NUMBER: 60/09044
OR APPLICATION NUMBER: 60/09045
OR APPLICATION NUMBER: 60/09046
OR APPLICATION NUMBER: 60/09046
OR APPLICATION NUMBER: 60/09046
OR APPLICATION NUMBER: 60/09046
OR APPLICATION NUM

PRIOR PRIOR

PRIOR APPLICATION NUMBER: 60/088734 PRIOR FILING DATE: 1998-06-10 PRIOR APPLICATION NUMBER: 60/088738 PRIOR APPLICATION NUMBER: 60/088742 PRIOR APPLICATION NUMBER: 60/088742 PRIOR APPLICATION NUMBER: 60/088742 PRIOR APPLICATION NUMBER: 60/088810 PRIOR APPLICATION NUMBER: 60/088824 PRIOR FILING DATE: 1998-06-10 PRIOR APPLICATION NUMBER: 60/088826 PRIOR APPLICATION NUMBER: 60/088826	APPLICATION N FILLING DATE: APPLICATION N	; APPLICANT: Zhang, Zemin ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic ; TITLE OF INVENTION: Acids Encoding the Same ; FILE REFERENCE: P273091C20 ; CURRENT APPLICATION NUMBER: US/09/992,598 ; CURRENT FILING DATE: 2001-11-14 ; PRIOR APPLICATION NUMBER: 60/049787 ; PRIOR FILING DATE: 1997-06-16 ; PRIOR PILING DATE: 1997-06-16 ; PRIOR PELICATION NUMBER: 60/062250 ; PRIOR PILING DATE: 1907-1017
PRIOR FILING DATE: 1998-06-24 PRIOR APPLICATION NUMBER: 60/090540 PRIOR PILING DATE: 1998-06-24 PRIOR APPLICATION NUMBER: 60/090542 PRIOR FILING DATE: 1998-06-24 PRIOR FILING DATE: 1998-06-24 PRIOR FILING DATE: 1998-06-24 PRIOR APPLICATION NUMBER: 60/090576 PRIOR FILING DATE: 1998-06-25 PRIOR FILING DATE: 1998-06-25 PRIOR FILING DATE: 1998-06-25 PRIOR APPLICATION NUMBER: 60/090690 PRIOR APPLICATION NUMBER: 60/090690 PRIOR APPLICATION NUMBER: 60/090690	נה לה	; PRIOR FILING DATE: 1998-06-11 ; PRIOR APPLICATION NUMBER: 60/088861 ; PRIOR FILING DATE: 1998-06-11 ; PRIOR FILING DATE: 1998-06-12 ; PRIOR FILING DATE: 1998-06-12 ; PRIOR APPLICATION NUMBER: 60/089105 ; PRIOR FILING DATE: 1998-06-12 ; PRIOR APPLICATION NUMBER: 60/089440 ; PRIOR PILING DATE: 1998-06-16 ; PRIOR FILING DATE: 1998-06-16

APPLICATION NUMBER: 60/090694

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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 5350
                                                                                                        ; NAME/KEY: SIGNAL; LOCATION: -19..-1; NAME/KEY: UNSURE; LOCATION: 38; COTHER INFORMATION: Xaa = Ala,Gly US-09-621-976-5350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-621-976-5350
; Sequence 5350, Application US/09621976
; Patent No. 6639063
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Best Local Similarity
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TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
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DR FILING DATE: 1998-07-07
DR APPLICATION NUMBER: 60/091982
DR FILING DATE: 1998-07-07
DR APPLICATION NUMBER: 60/092182
DR FILING DATE: 1998-07-09
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FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091633
FILING DATE: 1998-07-02
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FILING DATE: 1998-06-26
APPLICATION NUMBER: 60/090863
FILING DATE: 1998-06-26
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APPLICATION NUMBER: 60/090695
FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090696
FILING DATE: 1998-06-25
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FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091519
FILING DATE: 1998-07-02
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1 MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC 60
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                                    Conservative
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                                                   98.0%;
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                                  2;
                                                   Score 577; DB 2;
Pred. No. 2.7e-57;
                                    Mismatches
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                                                                    Length 105
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FEATURE:
NAME/KEY: SIGNAL
LOCATION: -19..-1
LOCATION: 19..-1
COTHER INFORMATION: SCORE 7.2
COTHER INFORMATION: SEG VSIMILLIVTVSDC/AV
US-09-513-999C-4698
                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O
APPLICANT: Bishop, Paul D.
APPLICANT: Whitmore, Theodo:
APPLICANT: Thompson, Penny |
TITLE OF INVENTION: Human Z
FILE REFERENCE: 99-81
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US-09-513-999C-4698
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                                                                      US-09-712-529-2
                                                                                                                     SOFTWARE: Fa
SEQ ID NO 2
LENGTH: 108
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CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOPTWARE: Patent.pm
SEQ ID NO 4698
                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09712529 Patent No. 6485938
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Patent No. 6783961
GENERAL INFORMATION:
Query Match 51.4%; So
Best Local Similarity 55.2%; Pr
Matches 48; Conservative 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins. Patent No. 6783961
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APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/712,529
CURRENT FILING DATE: 2000-11-14
NUMBER OF SEQ ID NOS: 7
                                                                                   LENGTH: 108
TYPE: PRT
ORGANISM: Homo sapiens
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98.8%;
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Pred. No. 5.8e-43;
1; Mismatches 0
 Score 303; DB 2; Pred. No. 1.5e-26; Mismatches 24;
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 Gaps
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GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Bishop, Paul D.

APPLICANT: Whitmore, Theodore B.

APPLICANT: Thompson, Penny P.

TITLE OF INVENTION: Human Zven Proteins

FILE REFERENCE: 99-81

CURRENT APPLICATION NUMBER: US/10/212,355

CURRENT FILING DATE: 2002-08-02
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                                                                                                                                      ; LENGTH: 108
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-212-355-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-212-355-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sheppard, Paul O.
APPLICANT: Bishop, Paul D.
APPLICANT: Bishop, Paul D.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Thompson, Penny P.
TITLE OF INVENTION: Human Zven Proteins
FILE REFERENCE: 99-81
CURRENT APPLICATION NUMBER: US/10/212,201A
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION UMBER: US/99/712,529
PRIOR FILING DATE: 2000-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/10212201A Patent No. 6756479
                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/10212355 Patent No. 6828425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 2
                                                            Matches
                                                                                                 Query Match
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                               Local Similarity
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10 MLLLVTVSDCAVITGACERDVQCGAGTCCAISLMLRGLRMCTPLGREGEECHPGSHKVPF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10 MLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKVPF 69
                                                            48;
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                                                            Conservative
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                                                                             51.4%; Score 303; DB 2; Length 108; 55.2%; Pred. No. 1.5e-26;
                                                            15;
                                                            Mismatches
                                                          24;
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US-09-949-016-7146
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US-09-161-241-14
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US-09-161-241-14
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CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION UNMEER: US/09/949,016

CURRENT APPLICATION HUMBER: US/09/949,016
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APPLICANT: Bass, Michael B
APPLICANT: Sullivan, John K
APPLICANT: Theill, Lars B
APPLICANT: Wang, Daguang
TITLE OF INVENTION: NOVEL DKR POLYPEPTIDES
FILE REFERENCE: A-548
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                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 7146
                                                                                Query Match
Best Local Similarity
Matches 23; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7146, Application US/09949016 Patent No. 6812339
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                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 224
TYPE: PRT
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110 CLRSSDCIEGFCCARHFW---TKICKPVLHQGEVCTKQRKKGSHGLBIFQR-----CDCA 161
                                       26 CERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC----HPGSHKVPFFRKRKHHTCPCL 81
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Pred. No. 0.00028;
                                                                                Score 102; DB 2; Length 186;
Pred. No. 0.00095;
8; Mismatches 30; Indels
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US-09-161-241-13
; Sequence 13, Application US/09161241
; Patent No. 6344541
; Patent No. 6344541
; GENERAL INFORMATION:
; APPLICANT: Bass, Michael B
; APPLICANT: Sullivan, John K
; APPLICANT: Theill, Lars E
; APPLICANT: Wang, Daguang
; TITLE OF INVENTION: NOVEL DKR POLYPEPTIDES
; FILE REFERENCE: A-548
; CURRENT APPLICATION NUMBER: US/09/161,241
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 207
; TYPE: PRT
ORGANISM: Human
US-09-161-241-13
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Search completed: March 30, 2006, 17:36:29 Job time : 48 secs
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                                                                                                                                                                 131 CLRSSDCIEGFCCARHFW---TKICKPVLHQGEVCTKQRKKGSHGLEIFQR-----CDCA 182
                                                                                183 KGLSCKVWKDATY 195
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-09-991-073-371
US-09-991-163-371
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105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
ω	w	W	w	w	w	w	w	w	w	w	ω	ω	w	w	w	w	ω
US-09-990-443-371	US-09-997-601-371	US-09-997-559-371	US-09-990-726-371	US-09-991-172-371	US-09-997-573-371	US-09-997-514-371	US-09-991-157-371	US-09-990-437-371	-156	US-09-989-726-371	US-09-990-711-371	US-09-796-753-64	US-09-990-562-371	US-09-990-438-371	US-09-997-666-371	US-09-997-428-371	US-09-993-667-371
Sequence 371, App	Sequence 371, App						Sequence 371, App						Sequence 371, App			•	Sequence 371, App

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OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07
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PRIOR APPLICATION NUMBER: 60/065186
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PRIOR APPLICATION NUMBER: 60/075945
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CURRENT FILING DATE: 2001-11-19
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DR APPLICATION NUMBER: 60/091982

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Botstein, David
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Wood, William I.
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art, Timothy A.
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60/087827 60/087759 60/087609 60/087607

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REIGR APPLICATION NUMBER: 60/089801
REIGR APPLICATION NUMBER: 60/089907
REIGR APPLICATION NUMBER: 60/089907
REIGR APPLICATION NUMBER: 60/089908
REIGR ETLING DATE: 1998-66-19
REIGR APPLICATION NUMBER: 60/089948
REIGR ETLING DATE: 1998-66-19
REIGR APPLICATION NUMBER: 60/089948
REIGR ETLING DATE: 1998-66-29
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REIGR APPLICATION NUMBER: 60/090252
REIGR ETLING DATE: 1998-66-22
REIGR ETLING DATE: 1998-66-24
REIGR APPLICATION NUMBER: 60/09043
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REIGR APPLICATION NUMBER: 60/09043
REIGR ETLING DATE: 1998-66-24
REIGR APPLICATION NUMBER: 60/09047
REIGR APPLICATION NUMBER: 60/09049
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C56
CURRENT APPLICATION NUMBER: US/99/989,279
CURRENT APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-06-16
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR APPLICATION NUMBER: 60/066770
PRIOR APPLICATION NUMBER: 60/075945
PRIOR APPLICATION NUMBER: 60/075945
PRIOR PILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR PILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/08332
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
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APPLICANT: Baker,Kevin P.
APPLICANT: Botstein,David
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PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09
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Stewart, Timothy A.
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Kljavin, Ivar J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Godowski, Paul J.
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Eaton, Dan L.
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P. Mickey
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DR APPLICATION NUMBER: 60/088025

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DR APPLICATION NUMBER: 60/088026

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DR APPLICATION NUMBER: 60/088028

DR FILLING DATE: 1998-06-04

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DR APPLICATION NUMBER: 60/088029

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APPLICATION NUMBER: 60/087609
FILING DATE: 1998-06-02
APPLICATION NUMBER: 60/087759
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OR APPLICATION NUMBER: 60/088858
OR FILING DATE: 1998-06-11
OR APPLICATION NUMBER: 60/088876
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OR APPLICATION NUMBER: 60/089105
OR FILING DATE: 1998-06-16
OR PILING DATE: 1998-06-16
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OR APPLICATION NUMBER: 60/089512
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OR APPLICATION NUMBER: 60/089514
OR APPLICATION NUMBER: 60/089514
OR FILING DATE: 1998-06-16
OR APPLICATION NUMBER: 60/08953
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/08953
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/08959
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OR APPLICATION NUMBER: 60/08950
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OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/08960
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089600
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OR APPLICATION NUMBER: 60/089601

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APPLICATION NUMBER: 60/088824 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088826 FILING DATE: 1998-06-10

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OR APPLICATION NUMBER: 60/088217
OR FILING DATE: 1998-06-05
OR FILING DATE: 1998-06-09
OR APPLICATION NUMBER: 60/088655
OR FILING DATE: 1998-06-10
OR APPLICATION NUMBER: 60/088734
OR FILING DATE: 1998-06-10
OR APPLICATION NUMBER: 60/088738
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OR APPLICATION NUMBER: 60/088742
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APPLICATION NUMBER: 60/088202 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/088212 FILING DATE: 1998-06-05

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DR APPLICATION NUMBER: 60/088033

DR FILING DATE: 1998-06-04

DR APPLICATION NUMBER: 60/088326

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DR FILING DATE: 1998-06-05

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CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
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OR FILING DATE: 1997-06-16
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/065186
OR FILING DATE: 1997-11-12
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066770
OR FILING DATE: 1997-11-24
OR APPLICATION NUMBER: 60/075945
OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-04-28
R FILING DATE: 1998-05-28
R APPLICATION NUMBER: 60/08
R FILING DATE: 1998-06-02
R APPLICATION NUMBER: 60/08
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                                                                                                                                          APPLICATION NUMBER: 60/084600 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/087106
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Godowski, Paul
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Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Williams,
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Ferrara, Napoleone
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art, Timothy
                                                 NUMBER: 60/087609
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P. Mickey
                                                                                             60/087607
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Pred. No. 1.4e-53;
; Mismatches 0;
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OR APPLICATION NUMBER: 60/089105
OR APPLICATION NUMBER: 60/089440
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OR APPLICATION NUMBER: 60/08742
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OR APPLICATION NUMBER: 60/08824
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  OR FILING DATE: 1998-06-17

OR APPLICATION NUMBER: 60/089801

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OR FILING DATE: 1998-06-18

OR APPLICATION NUMBER: 60/089907

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OR FILING DATE: 1998-06-05

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OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088326
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088167
OR FILING DATE: 1998-06-05
OR APPLICATION NUMBER: 60/088202
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FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089600
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APPLICATION NUMBER: 60/089653
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APPLICATION UMMBER: 60/088028
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APPLICATION NUMBER: 60/088025
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APPLICATION NUMBER: 60/087827
FILING DATE: 1998-06-03
APPLICATION NUMBER: 60/088021
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Query Match
Best Local Similarity
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IN FILING DATE: 1998-07-07
IN APPLICATION NUMBER: 60/091982
IN FILING DATE: 1998-07-07
IN APPLICATION NUMBER: 60/092182
IN FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                             PR APPLICATION NUMBER: 60/090863
PR FILING DATE: 1998-06-26
PR APPLICATION UNMBER: 60/091360
PR FILING DATE: 1998-07-01
PR APPLICATION NUMBER: 60/091478
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PR APPLICATION NUMBER: 60/091544
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APPLICATION NUMBER: 60/090695
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FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091626
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FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090678
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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090557
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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090540
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FILING DATE: 1998-06-24
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APPLICATION NUMBER: 60/090445
FILING DATE: 1998-06-24
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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090431
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FILING DATE: 1998-06-26
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APPLICATION NUMBER: 60/090435
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FILING DATE: 1998-06-23
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FILING DATE: 1998-06-19
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Score 589; DB 3; Pred. No. 1.4e-53;
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CURRENT FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/049787
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PRIOR FILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR PILING DATE: 1998-03-20
PRIOR PILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087609
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PRIOR PILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087609
PRIOR PILING DATE: 1998-06-02
PRIOR PILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
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PRIOR FILING DATE: 1998-06-03
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US-09-989-731-371
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APPLICANT: Baker,Kevin P.
APPLICANT: Botstein,David
APPLICANT: Desnoyers,Luc
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C70
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Godowski, Paul J.
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Gerritsen, Mary E.
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Stewart, Timothy A.
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R APPLICATION NUMBER: 6 R FILING DATE: 1998-06-R APPLICATION NUMBER: 6 R FILING DATE: 1998-06-

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1998-06-04

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APPLICATION NUMBER: 60/088326 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088167

APPLICATION NUMBER: 60/088030 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088033 FILING DATE: 1998-06-04

FILING DATE: 1998-00 APPLICATION NUMBER: FILING DATE: 1998-00

60/088029

1998-06-1998-06-04

APPLICATION NUMBER: 60/088026 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088028

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OR APPLICATION NUMBER: 60/091544
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OR APPLICATION NUMBER: 60/091519
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091626
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/09163
OR APPLICATION NUMBER: 60/09163
OR FILING DATE: 1998-07-07
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OR APPLICATION NUMBER: 60/091978
OR APPLICATION NUMBER: 60/091978
OR APPLICATION NUMBER: 60/091982
OR APPLICATION NUMBER: 60/091982
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OR APPLICATION NUMBER: 60/092182
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OR FILING DATE: 1998-06-24
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OR APPLICATION NUMBER: 60/090542
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OR APPLICATION NUMBER: 60/090547
OR APPLICATION NUMBER: 60/09057
OR PILING DATE: 1998-06-25
OR APPLICATION NUMBER: 60/090678
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OR APPLICATION NUMBER: 60/090252
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OR APPLICATION NUMBER: 60/090254
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OR APPLICATION NUMBER: 60/090349
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OR APPLICATION NUMBER: 60/090429
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OR FILING DATE: 1998-06-24
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APPLICATION NUMBER: 60/089952
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APPLICATION NUMBER: 60/090246
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DR APPLICATION NUMBER: 60/088738
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DR APPLICATION NUMBER: 60/088810
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DR FILING DATE: 1998-06-05

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DR APPLICATION NUMBER: 60/088734

DR FILING DATE: 1998-06-10

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DR FILING DATE: 1998-06-12
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APPLICATION NUMBER: 60/089907
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APPLICATION NUMBER: 60/089908
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NUMBER: 60/

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PRIOR APPLICATION NUMBER: 60/083322 PRIOR PILING DATE: 1998-04-28 PRIOR APPLICATION NUMBER: 60/084600 PRIOR APPLICATION NUMBER: 60/087106 PRIOR APPLICATION NUMBER: 60/087106 PRIOR APPLICATION NUMBER: 60/087607 PRIOR APPLICATION NUMBER: 60/087607 PRIOR FILING DATE: 1998-06-02 PRIOR APPLICATION NUMBER: 60/087759 PRIOR APPLICATION NUMBER: 60/087759 PRIOR APPLICATION NUMBER: 60/087827	OF INVENTION: Acids ENTREFERICE: P2730P1C57 WIT APPLICATION NUMBER: U APPLICATION NUMBER: 601-11 APPLICATION NUMBER: 607 EPILING DATE: 1997-06-16 APPLICATION NUMBER: 607 EPILING DATE: 1997-11-12 APPLICATION NUMBER: 607 FILING DATE: 1997-11-12 APPLICATION NUMBER: 607 FILING DATE: 1997-11-13 APPLICATION NUMBER: 607 FILING DATE: 1997-11-24 APPLICATION NUMBER: 607 FILING DATE: 1998-03-20	CANT: Ferrara, Napoleo CANT: Fong, Sherman CANT: Gerber, Hanspete CANT: Gerrer, Hanspete CANT: Gerritsen, Mary CANT: Goddard, Audrey CANT: Goddard, J. Chri CANT: Grimaldi, J. Chri CANT: Napier, Mary A. CANT: Napier, Mary A. CANT: Pan, James CANT: Pan, James CANT: Pan, James CANT: Roy, Margaret A CANT: Stewart, Timoth CANT: Tumas, Daniel CANT: Watanabe, Colin CANT: Watanabe, Colin CANT: Watanabe, Colin CANT: Watanabe, Semin CANT: Zhang, Zemin CANT: Zhang, Zemin CANT: Stewart, Secrete	Db I MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRWCTPLGREGEEC 60 Qy 61 HPGSHKVPFFRKKKHHTCPCLPNLLCSRPPDGRYRCSWDLKNINF 105
PRIOR FILING DATE: 1998-06-17 PRIOR APPLICATION NUMBER: 60/089600 PRIOR APPLICATION NUMBER: 60/089633 PRIOR FILING DATE: 1998-06-17 PRIOR PRIOR APPLICATION NUMBER: 60/089633 PRIOR FILING DATE: 1998-06-18 PRIOR APPLICATION NUMBER: 60/089907 PRIOR APPLICATION NUMBER: 60/089907 PRIOR APPLICATION NUMBER: 60/089907 PRIOR APPLICATION NUMBER: 60/089908 PRIOR FILING DATE: 1998-06-18 PRIOR PILING DATE: 1998-06-18 PRIOR PILING DATE: 1998-06-19 PRIOR PILING DATE: 1998-06-19 PRIOR APPLICATION NUMBER: 60/089948 PRIOR APPLICATION NUMBER: 60/089948 PRIOR APPLICATION NUMBER: 60/089949 PRIOR FILING DATE: 1998-06-19	FILING DATE: APPLICATION N	FILING DATE: 1998-04 APPLICATION NUMBER: FILING DATE: 1998-05 APPLICATION NUMBER: FILING DATE: 1998-06 APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION NUMBER:	PRIOR FILING DATE: 1998-06-04 PRIOR APPLICATION NUMBER: 60/088026 PRIOR APPLICATION NUMBER: 60/088028 PRIOR APPLICATION NUMBER: 60/088028 PRIOR PILING DATE: 1998-06-04 PRIOR PILING DATE: 1998-06-04 PRIOR FILING DATE: 1998-06-04 PRIOR FILING DATE: 1998-06-04 PRIOR FILING DATE: 1998-06-04 PRIOR PILING DATE: 1998-06-04 PRIOR APPLICATION NUMBER: 60/088033 PRIOR APPLICATION NUMBER: 60/088033 PRIOR APPLICATION NUMBER: 60/088036 PRIOR PILING DATE: 1998-06-04 PRIOR PILING DATE: 1998-06-05 PRIOR APPLICATION NUMBER: 60/088212

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Matches 105
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OR FILING DATE: 1998-06-24
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R FILLING DATE: 1998-06-24

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R FILING DATE: 1998-07-02
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R APPLICATION NUMBER: 60/990355

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OR FILING DATE: 1998-06-24
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FILING DATE: 1998-07-07
APPLICATION NUMBER: 60/092182
FILING DATE: 1998-07-09
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FILING DATE: 1998-06-22
APPLICATION NUMBER: 60/090349
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FILING DATE: 1998-07-01
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FILING DATE: 1998-06-24
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FILING DATE: 1998-06-24
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FILING DATE: 1998-06-22
APPLICATION NUMBER: 60/090252
FILING DATE: 1998-06-22
                                                                                                       105;
                                                                                                                                      Similarity
                            MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC 60
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                                                                                                                                    100.0%;
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Pred. No. 1.4e-53;
                                                                                                                                                        Length 105;
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napole
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US-09-991-073-371
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PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/991,073
CURRENT FILING DATE: 2001-11-14
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APPLICATION NUMBER: 60/087607
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DR APPLICATION NUMBER: 60/091478
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FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091978
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APPLICATION NUMBER: 60/091982
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FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091626
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APPLICATION NUMBER: 60/090542
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Pred. No. 1.4e-53;
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FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/1
FILING DATE: 1998-06-17

60/089653

FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089599
FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089600

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60/089801

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APPLICATION NUMBER: 60/090246 FILING DATE: 1998-06-22 APPLICATION NUMBER: 60/090252

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APPLICATION NUMBER: 60 FILING DATE: 1998-06-1

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APPLICATION NUMBER: 60/089440

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DR FILING DATE: 1998-06-11

DR APPLICATION NUMBER: 60/088861

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FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088826

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60/088212

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APPLICATION NUMBER: 60/088202 FILING DATE: 1998-06-05 FILING DATE: 1998-06-05 PRIOR PRIOR PRIOR

FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088033

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60/088030

FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088326
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APPLICATION NUMBER: 60/088167

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APPLICATION NUMBER: 60/088028 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088029 FILING DATE: 1998-06-04

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APPLICANT: Zhang, Zamin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C8
CURRENT APPLICATION NUMBER: US/09/990,442
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/044787
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-06-16
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06531
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PRIOR APPLICATION NUMBER: 60/075945
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APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/087106
OR ETLING DATE: 1998-05-08
OR APPLICATION NUMBER: 60/087607
OR FILING DATE: 1998-06-02
OR APPLICATION NUMBER: 60/087609
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OR APPLICATION NUMBER: 60/087759
OR APPLICATION NUMBER: 60/087827
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FILING DATE: 1998-04-28
APPLICATION NUMBER: 60/084600
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Williams, P. Mickey
Wood, William I.
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Ferrara, Napoleone
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art, Timothy A.
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OR APPLICATION NUMBER: 60/089801
OR FILING DATE: 1998-06-18
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OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089948
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OR APPLICATION NUMBER: 60/089952
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OR APPLICATION NUMBER: 60/090246
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DR FILING DATE: 1998-06-04
DR PPLICATION NUMBER: 60/088167
DR PILING DATE: 1998-06-05
DR APPLICATION NUMBER: 60/088202
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APPLICATION NUMBER: 60/089653
FILING DATE: 1998-06-17
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APPLICATION NUMBER: 60/089512
FILING DATE: 1998-06-16
APPLICATION NUMBER: 60/089514
FILING DATE: 1998-06-16
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FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088033
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FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089538
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APPLICATION NUMBER: 60/089105
FILING DATE: 1998-06-12
APPLICATION NUMBER: 60/089440
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FILING DATE: 1998-06-10
APPLICATION NUMBER: 60/088858
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APPLICATION NUMBER: 60/088824
FILING DATE: 1998-06-10
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APPLICATION NUMBER: 60/088810
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APPLICATION NUMBER: 60/088742
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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090557
FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090676
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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090540
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APPLICATION NUMBER: 60/090678
FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090690
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APPLICATION NUMBER: 60/092182
FILING DATE: 1998-07-09
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FILING DATE: 1998-07-02
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FILING DATE: 1998-07-02
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APPLICATION NUMBER: 60/091544
FILING DATE: 1998-07-01
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APPLICATION NUMBER: 60/091360
FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091478
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APPLICATION NUMBER: 60/090863
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APPLICATION NUMBER: 60/090694
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APPLICATION NUMBER: 60/090695
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FILING DATE: 1998-06-24
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APPLICATION NUMBER: 60/090444
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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090431
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APPLICATION NUMBER: 60/090355
FILING DATE: 1998-06-23
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APPLICATION NUMBER: 60/090435
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HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105
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CURRENT FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/049787
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PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
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PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-124
PRIOR APPLICATION NUMBER: 60/075945
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PRIOR APPLICATION NUMBER: 60/075945
PRIOR PILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/083322
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-03-20
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Patent No. US20020132253A1
GENERAL INFORMATION:
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: 60/088029
FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088030
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein,David
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RESULT 10 US-09-93-604-371 ; Sequence 371, Application US/09993604 ; Patent No. US20020137075A1

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GENERAL INFORMATION:
APPLICANT: Ashkenazi
APPLICANT: Beker, Ke
APPLICANT: Botstein
APPLICANT: Betton, Da
APPLICANT: Ferrara,
APPLICANT: Ferrara,
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Baker,Kevin P.
Botstein,David
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R FILING DATE: 1998-06-23

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NR APPLICATION NUMBER: 60/090355

NR FILING DATE: 1998-06-23

R APPLICATION UNMBER: 60/090429

NR FILING DATE: 1998-06-24
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APPLICATION NUMBER: 60/088212
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FILING DATE: 1998-06-19
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Sequence 371, Application US/09990456
Patent No. US20020137890A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
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DR APPLICATION NUMBER: 60/091478

DR FILING DATE: 1998-07-02

DR APPLICATION NUMBER: 60/091544

DR FILING DATE: 1998-07-01

DR APPLICATION NUMBER: 60/091519

DR FILING DATE: 1998-07-02

DR APPLICATION NUMBER: 60/091626

DR APPLICATION NUMBER: 60/091633
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OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090475
OR APPLICATION NUMBER: 60/090472
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OR APPLICATION NUMBER: 60/090535
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OR APPLICATION NUMBER: 60/090542
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OR APPLICATION NUMBER: 60/090690
OR FILING DATE: 1998-06-25
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DR FILING DATE: 1998-06-25
DR APPLICATION NUMBER: 60/090862
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| NUMBER: 60/092182
|: 1998-07-09
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APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddward, Audrey
APPLICANT: Goddward, Audrey
APPLICANT: Goddward, Jochristopher
APPLICANT: Goddward, Jochristopher
APPLICANT: Godnard, Jochristopher
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Wattanabe, Colin K.
APPLICANT: Wattanabe, Colin K.
APPLICANT: Whiliams, P. Mickey
APPLICANT: Wood, Williams I.
APPLICANT: Wood, Williams I.
APPLICANT: Arang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: NUMBER: US/09/990, 456
CURRENT APPLICATION NUMBER: 60/049787
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065311
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OR FILLING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/083322
OR FILLING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/084600
OR FILLING DATE: 1998-05-07
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APPLICATION NUMBER: 60/088876
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APPLICATION NUMBER: 60/088858
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GENERAL INFORMATION:
APPLICANT: Ashkenazi Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, Javid
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L. RESULT 12 US-09-989-721-371 Sequence 371, Application US/09989721 Patent No. US20020142961A1 GENERAL INFORMATION:

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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
ITILE OF INVENTION: Secreted and Transmembre
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C55
CURRENT APPLICATION NUMBER: US/09/989,721
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/065186
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DR APPLICATION NUMBER: 60/075945

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Gerritsen, Mary E
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Kljavin, Ivar J
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Grimaldi, J. Christopher
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art, Timothy A.
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OR APPLICATION NUMBER: 60/089952
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OR APPLICATION NUMBER: 60/090246
OR APPLICATION NUMBER: 60/090252
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OR APPLICATION NUMBER: 60/089538
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089598
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OR FILING DATE: 1998-06-10
OR APPLICATION NUMBER: 60/08824
OR APPLICATION NUMBER: 60/088826
OR APPLICATION NUMBER: 60/088826
OR FILING DATE: 1998-06-10
OR APPLICATION NUMBER: 60/088856
OR FILING DATE: 1998-06-11
OR APPLICATION NUMBER: 60/08861
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APPLICATION NUMBER: 60/088738
FILING DATE: 1998-06-10
APPLICATION NUMBER: 60/088742
FILING DATE: 1998-06-10
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FILING DATE: 1998-06-05
APPLICATION NUMBER: 60/088655
FILING DATE: 1998-06-09
APPLICATION NUMBER: 60/088734
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APPLICATION NUMBER: 60/089514
FILING DATE: 1998-06-16
APPLICATION NUMBER: 60/089532
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              APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
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OR APPLICATION NUMBER: 60/090695
OR APPLICATION NUMBER: 60/090696
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OR FILING DATE: 1998-06-25
OR APPLICATION NUMBER: 60/090862
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APPLICATION NUMBER: 60/090690
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APPLICATION NUMBER: 60/090694
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APPLICATION NUMBER: 60/090676
FILING DATE: 1998-06-25
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APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/092182
FILING DATE: 1998-07-09
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APPLICATION NUMBER: 60/091478
FILING DATE: 1998-07-02
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FILING DATE: 1998-07-02
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FILING DATE: 1998-06-24
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                                                                                                                                          INFORMATION:
                                                                                                                                                         371, Application |
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Gerber, Hanspeter
              Eaton, Dan L.
Ferrara, Napoleone
Fong, Sherman
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
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PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/08332
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PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/087106
PRIOR PRILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
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PRIOR APPLICATION NUMBER: 60/08759
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
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CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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                                                                              FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088167
FILING DATE: 1998-06-05
APPLICATION NUMBER: 60/088202
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Williams, P. Mickey
Wood, William I.
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Kljavin, Ivar J.
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Grimaldi, J.Christopher
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NUMBER: 60/088217
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DR APPLICATION NUMBER: 60/089514

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DR FILING DATE: 1998-06-17

DR APPLICATION NUMBER: 60/089538

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DR APPLICATION NUMBER: 60/089599

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PR APPLICATION NUMBER: 60/090246

DR FILING DATE: 1998-06-22

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PR APPLICATION NUMBER: 60/089653

DR FILING DATE: 1998-06-17

DR APPLICATION NUMBER: 60/089801

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DR APPLICATION NUMBER: 60/089907

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DR APPLICATION NUMBER: 60/089908

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FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090435
FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090444
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FILING DATE: 1998-06-23
APPLICATION NUMBER: 60/090429
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FILING DATE: 1998-06-11
APPLICATION NUMBER: 60/089105
FILING DATE: 1998-06-12
APPLICATION NUMBER: 60/089440
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FILING DATE: 1998-06-19
APPLICATION NUMBER: 60/089948
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FILING DATE: 1998-06-10
APPLICATION NUMBER: 60/088826
FILING DATE: 1998-06-10
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FILING DATE: 1998-06-10
APPLICATION NUMBER: 60/088742
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APPLICATION NUMBER: 60/089952
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APPLICATION NUMBER: 60/088810
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APPLICATION NUMBER: 60/088734
FILING DATE: 1998-06-10
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APPLICATION I
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                                                           NUMBER: 60/090445
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                                   1998-06-24
                                                                                    1998-06-24
Sequence 2, Application US/09886242A

Patent NO. US20020172678A1

GENERAL INFORMATION:
APPLICANT: Ferrara, Napoleone
APPLICANT: Watanabe, Colin
APPLICANT: Wood, William I.
TITLE OF INVENTION: EG-VEGF NUCLEIC ACIDS AND POLYPEPTIDES
TITLE OF INVENTION: AND METHODS OF USE
FILE REFERENCE: GENERT.1516A

CURRENT APPLICATION NUMBER: US/09/886,242A

CURRENT FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: US 60/230,978

PRIOR APPLICATION NUMBER: US 60/233,637

PRIOR APPLICATION NUMBER: US 60/233,637
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US-09-886-242A-2
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OR APPLICATION NUMBER: 60/090696
OR PILING DATE: 1998-06-25
OR APPLICATION NUMBER: 60/090862
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/090863
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DR APPLICATION NUMBER: 60/091633

DR FILING DATE: 1998-07-02

DR APPLICATION NUMBER: 60/091978

DR FILING DATE: 1998-07-07

DR APPLICATION NUMBER: 60/091982

DR FILING DATE: 1998-07-07

DR APPLICATION NUMBER: 60/092182

DR FILING DATE: 1998-07-09

DR FILING DATE: 1998-07-09
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FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091519
FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091626
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FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090694
FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090695
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APPLICATION NUMBER: 60/090678
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APPLICATION NUMBER: 60/090676
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APPLICATION NUMBER: 60/090535
FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090540
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NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 105
TYPE: PRT
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APPLICANT:
             TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2730P1C66
CURRENT APPLICATION NUMBER: US/09/989,293A
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APPLICATION NUMBER: PCT/US00/00219
FILING DATE: 2000-01-05
APPLICATION NUMBER: PCT/US99/12252
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FILING DATE: 2000-03-30
APPLICATION NUMBER: PCT/US00/04914
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APPLICATION NUMBER: PCT/US00/32678
FILING DATE: 2000-12-01
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APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/096,146
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ning Prior Application data removed -
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US2002017716481
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                                                                     Watanabe, Colin K.
Williams, P. Mickey
Wood, William I.
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Kljavin, Ivar J.
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Grimaldi, J.Christopher
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Gerritsen, Mary E.
                                                              Zhang,
                                                                                                                             Tumas,
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                                                                                                                                                                                                                                                                                                                                  Fong, Sherman
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                                                                                                                                                                                                                                                                                                                                                                  Eaton, Dan L.
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                                                                                                                                       Margaret Ann art, Timothy A.
                                                                                                                                                                         Nicholas F.
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CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13 APPLICATION NUMBER: 60/075945
FILING DATE: 1998-02-25
APPLICATION NUMBER: 60/078910
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/083322 APPLICATION NUMBER: 60/088826 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088858 FILING DATE: 1998-06-11 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/088655 FILING DATE: 1998-06-09 APPLICATION NUMBER: 60/088202 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/088212 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/087609 FILING DATE: 1998-06-02 APPLICATION NUMBER: 60/087759 FILING DATE: 1998-06-02 APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066770
FILING DATE: 1997-11-24 APPLICATION NUMBER: 60/088861 FILING DATE: 1998-06-11 APPLICATION NUMBER: 60/088876 FILING DATE: 1998-06-11 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088824 APPLICATION NUMBER: 60/088742 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088738 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088734 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088167 APPLICATION NUMBER: 60/088326 FILING DATE: 1998-06-04 APPLICATION NUMBER: FILING DATE: 1998-06 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088029 FILING DATE: 1998-06-04 FILING DATE: 1998-06-04 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088028 APPLICATION NUMBER: 60/088026 APPLICATION NUMBER: 60/088025 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088021 FILING DATE: 1998-06-04 APPLICATION NUMBER: FILING DATE: 1998-06 FILING DATE: 1998-06-02 APPLICATION NUMBER: 60/087607 APPLICATION NUMBER: 60/087106 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/084600 FILING DATE: APPLICATION NUMBER: 60/088810 APPLICATION NUMBER: 60/088217 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/088030 1998-06-05 1998-06-03 1998-06-10 1998-06-04 60/087827 60/088033

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OR APPLICATION NUMBER: 60/090431
OR APPLICATION NUMBER: 60/090431
OR APPLICATION NUMBER: 60/090435
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090444
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090445
OR APPLICATION NUMBER: 60/090472
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090472
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OR FILING DATE: 1998-06-18
OR APPLICATION NUMBER: 60/089908
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089947
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089948
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089952
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/090246
OR FILING DATE: 1998-06-22
OR APPLICATION NUMBER: 60/090252
OR APPLICATION NUMBER: 60/090252
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OR APPLICATION NUMBER: 60/090355
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OR APPLICATION NUMBER: 60/089598
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OR APPLICATION NUMBER: 60/089599
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OR APPLICATION NUMBER: 60/089600
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OR APPLICATION NUMBER: 60/089653
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DR FILING DATE: 1998-06-16
DR APPLICATION NUMBER: 60/089514
DR FILING DATE: 1998-06-16
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FILING DATE: 1998-06-12
APPLICATION NUMBER: 60/089440
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OR APPLICATION NUMBER: 60/091360
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091544
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OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091519
OR APPLICATION NUMBER: 60/091626
OR FILING DATE: 1998-07-02
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red. No. 1.4e-53;
Mismatches 0;
                                                                                                                                                                                                                                           Length 105;
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Search completed: March 30, Job time: 169 secs 2006, 17:50:07

> 105 105

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Gaps

0

GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OM protein - protein search, using sw model
Published Applications AA New:*

1: /SIDSS/ptodata/1/pubpaa/USOS NEW PUB.pep:*

2: /SIDSS/ptodata/1/pubpaa/USOT NEW PUB.pep:*

3: /SIDSS/ptodata/1/pubpaa/USOT NEW PUB.pep:*

4: /SIDSS/ptodata/1/pubpaa/PCT NEW PUB.pep:*

5: /SIDSS/ptodata/1/pubpaa/USOO NEW PUB.pep:*

6: /SIDSS/ptodata/1/pubpaa/USIO NEW PUB.pep:*

7: /SIDSS/ptodata/1/pubpaa/USIO NEW PUB.pep:*

8: /SIDSS/ptodata/1/pubpaa/USOO_NEW_PUB.pep:*
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Gapop 10.0 , Gapext 0.5
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589
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	v	4.	ω	2	1	No.	Result	
100.5	100.5	101	102	102	107.5	107.5	250.5	267.5	284	286	291	300	315	376	413	455	498	572	580	582	582	588	589	589	Score		
17.1	17.1	17.1	17.3	17.3	18.3	18.3	42.5	45.4	48.2	48.6	49.4	50.9	53.5	63.8	70.1	77.2	84.6	97.1	98.5	98.8	98.8	99.8	100.0	100.0	Match	Query	ę
350	215	272	263	179	350	224	75	77	81	80	81	108	80	81	86	86	86	105	105	105	105	105	105	105	Length		
0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	δ	σ	σ	σ	σ	8		
US-10-063-703-8	US-11-072-512-2196	US-11-255-790-36	US-11-255-790-21	US-11-255-790-11	US-11-255-790-38	US-11-255-790-5	US-11-073-420-13	US-11-073-420-14	US-11-073-420-37	US-11-073-420-10	US-11-073-420-9	US-11-073-420-6	US-11-073-420-15	US-11-073-420-16	US-11-073-420-17	US-11-073-420-12	US-11-073-420-11	US-11-073-420-28	US-11-073-420-31	US-10-475-075-477	US-10-475-075-193	US-10-475-075-194	US-10-973-115B-470	US-10-131-826A-470	ID		
Sequence 8, Appli	Sequence 2196, Ap	36,	Sequence 21, Appl	11,	38	<u>ب</u>	Sequence 13, Appl	14	37	10,	9	6	15,	16,	17,	Sequence 12, Appl	11,	Sequence 28, Appl	31,	Sequence 477, App	193,	194,		e 470,	Description		

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45	44	43	42	41	40	39	38	37	36	35 5	34	ω ω	32	31	30	29	28	27	26
73	73	73.5	74	74.5	75	75.5	79	18	81.5	83.5	95.5	97	97	97	97	98.5	100.5	100.5	100.5
12.4	12.4	12.5	12.6	12.6	12.7	12.8	13.4	13.8	13.8	14:2	16.2	16.5	16.5	16.5	16.5	16.7	17.1	17.1	17.1
235	87	2440	1620	451	1379	1574	1664	1170	446	508	259	280	266	266	266	349	350	350	350
7	7	σ	σ	σ	7	σ	σ	7	7	σ	7	σ	7	σ	σ	7	7	7	7
US-11-126-126-16	US-11-255-790-25	US-10-766-317-10	US-10-055-877-213	US-10-915-160-6	US-11-114-962-4	US-10-055-877-211	US-10-055-877-212	US-11-114-962-5	US-11-072-512-2665	US-10-915-160-2	US-11-255-790-37	US-10-821-234-1307	US-11-255-790-8	US-10-973-115B-428	US-10-131-826A-428	US-11-255-790-17	US-11-255-790-2	US-11-103-195-8	US-11-102-240-8
Sequence 16,	Sequence 25,	Sequence 10,	Sequence 213,	Sequence 6, Appl	Sequence 4, A	Sequence 211, App	Sequence 212,	Sequence 5, A	Sequence 2665, Ap	Sequence 2, A	Sequence 37, Appl	Sequence 1307	Sequence 8, Appli	Sequence 428,	Sequence 428,	Sequence 17,	Sequence 2, A	Sequence 8, A	Sequence 8, A
App1	App1	Appl	App	γppli	i Idd	App	App	ippli	, Ap	\ppli	Appl	7, Ap)ppli	App	App	Appl	Appli	Appli	TTdd

ALIGNMENTS

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US-10-131-826A-470
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SEQ ID NO 470
LENGTH: 105
                                 Matches 105;
                                                 Query Match
Best Local :
                                                                                                                                                                  SEQ ID NO 470
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Best Local :
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/135,736
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: US 60/123,090
PRIOR FILING DATE: 1999-03-05
NUMBER OF SEQ ID NOS: 550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODIN TITLE OF INVENTION: SAME FILE REFERENCE: 39870-3330R1C300C1 CURRENT APPLICATION NUMBER: US/10/973,115B CURRENT FILING DATE: 2004-10-22 PRIOR APPLICATION NUMBER: US 10/145,747 PRIOR FILING DATE: US 10/145,747 PRIOR FILING DATE: US 202-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/028,072 PRIOR FILING DATE: 2001-12-19
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                                                                                                                 ORGANISM: Homo sapiens
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                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 09/581,742 FILING DATE: 2000-06-16
                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US00/05746 FILING DATE: 2000-03-02
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1 MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC 60
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                                                 Similarity
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DeForge, Laura
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Godowski, Paul
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milarity 100.0%;
Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Timothy A.
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                            100.0%; Score 589; DB 6; 100.0%; Pred. No. 2.5e-56; Mismatches 0;
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Pred. No. 2.5e-56;
                                                               Length 105;
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                                                                                                                                                                                                                                             Sequence 193, Application US/10475075

Publication No. US20060053498A1

GENERAL INFORMATION:
APPLICANT: Bejanin, Stephane
APPLICANT: Tanaka, Hiroaki
APPLICANT: Dumas Milne Edwards, Jean-Baptiste
APPLICANT: Jobert, Severin
APPLICANT: Giordano, Jean-Yves
                                                      NUMBER OF SEQ ID NOS:
SOFTWARE: Patent.pm
SEQ ID NO 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 918
SOFTWARE: Patent.pm
SEQ ID NO 194
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                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/475,075
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: PCT/IB01/00914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/475,075
CURRENT FILING DATE: 2003-10-17
CURRENT NUMBER: PCT/IB01/00914
PRIOR FILING DATE: 2001-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Giordano, Jean-Yves
TITLE OF INVENTION: Full-length human cDNAs
FILE REFERENCE: G-081US03PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bejanin, Stephane
APPLICANT: Tanaka, Hiroaki
APPLICANT: Dumas Milne Edwards,
                                                                                                                           PRIOR FILING DATE:
                                                                                                                                                                                                             FILE REFERENCE: G-081US03PCT
                                                                                                                                                                                                                          APPLICANT: Giordano, Jean-Yves
TITLE OF INVENTION: Full-length human cDNAs encoding potentially secreted proteins
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: -19..-1
OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: 6core 7.20796835452081
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: seq VSIMLLLVTVSDC/AV
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                                      ENGTH:
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                                                                                                                         2001-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  99.8%; Score 588; DB 6;
99.0%; Pred. No. 3.2e-56;
tive 1; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 105;
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; NAME/KEY: UNSURE
; LOCATION: 37
; OTHER INFORMATION: Xaa = Lys or
US-10-475-075-477
RESULT 6
US-11-073-420-31
Sequence 31, Application US/11073420
; Publication No. US20060019338A1
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US-10-475-075-477
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patent.pm
SEQ ID NO 477
LENGTH: 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Publication No. US200
GENERAL INFORMATION:
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Best Local Similarity
Matches 103; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dumas Milne Edwards, Jean-Baptiste
APPLICANT: Jobert, Severin
APPLICANT: Giordano, Jean-Yves
TITLE OF INVENTION: Full-length human cDNAs encoding potentially secreted proteins
FILE REFERENCE: G-081US03PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: -19..-1
OTHER INFORMATION: 1
OTHER INFORMATION: 6
OTHER INFORMATION: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: PCT/IB01/00914
PRIOR FILING DATE: 2001-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/475,075
CURRENT FILING DATE: 2003-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bejanin, Stephane APPLICANT: Tanaka, Hiroaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 918
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                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: SIGNAL LOCATION: -19..-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
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NAME/KEY: SIGNAL
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                                                                                                                                    HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105
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score 7.20796835452081
seq VSIMLLLVTVSDC/AV
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98.1%;

    Mismatches

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Pred. No. 1.4e-55;
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; NAME/KEY: SIGNAL ; LOCATION: (1)...(19) US-11-073-420-28
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TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compos
FILE REFERENCE: UCI1210-1
CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
NUMBER OF SEQ ID NOS: 38
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Zhou, Qun-Yong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compositions and Methods
FILE REFERENCE: UCI1210-1
CURRENT APPLICATION NUMBER: US/11/073,420
CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
NUMBER OF SEO ID NOS: 38
SOPTWARE: FastSEQ for Windows Version 4.0
SEO ID NO 31
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APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Zhou, Qun-Yong
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Best Local Similarity
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ORGANISM: Macaca mulatta
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TYPE: PRT
                                                                                                                                                                                                                                                                                                                              FEATURE:
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61 HPGSHKIPFFFRKRHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105
                        61 HPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF 105
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                                                                                                            MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLMLRGLRMCTPLGREGEEC
                                                                                 MRGATLVSIMFLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEEC
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97.1%;
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Pred. No. 1.6e-54;
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Pred. No. 2.3e-55;
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US-11-073-420-11 ; Sequence 11, Application US/11073420 ; Publication No. US20060019338A1

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US-11-073-420-17
; Sequence 17, Application US/11073420
; Publication No. US20060019338A1
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY
; APPLICANT: Zhou, Qun-Yong
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US-11-073-420-12
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APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Zhou, Qun-Yong
TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compositions
FILE REFERENCE: UCI1210-1
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LENGTH: 86
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TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compos
FILE REFERENCE: UCI1210-1
CURRENT FILING DATE: 2005-03-04
CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/11/073,420
CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FABUSEQ for Windows Version 4.0
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ORGANISM: Mus musculus
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Similarity 88.4%;
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Pred. No. 4.7e-42;
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APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Zhou, Qun-Yong
ITITLE OF INVENTION: Primate Prokineticin and Prokineticin
ITITLE OF INVENTION: Receptor Polypeptides, Related Compositi
FILE REFERENCE: UCI1210-1
CURRENT APPLICATION NUMBER: US/11/073,420
CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 81
RESULT 12
US-11-073-420-15
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US-11-073-420-16
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CURRENT APPLICATION NUMBER: US/11/073,420

CURRENT FILING DATE: 2005-03-04

PRIOR APPLICATION NUMBER: 60/550,753

PRIOR APPLICATION NUMBER: 60/550,753

PRIOR FILING DATE: 2004-03-05

NUMBER OF SEO ID NOS: 38

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 17

LENGTH: 86

TYPE: DEST
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                Local Similarity
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                                                                                                                   80 CLPNLLCSRFPDGRYRC 96
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                                                                               CLPGLACLRTSFNRFIC
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                                                                                                                                                                                                                                                              Score 376; DB 7;
Pred. No. 1.3e-33;
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                                                                                                                                                                                                                                                                              Length 81;
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Sequence 15, Application US/11073420
Publication No. US20060019338A1
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Zhou, Qun-Yong
TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compositions

and Methods

FILE REFERENCE: UCI1210-1

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RESULT 14
US-11-073-420-9
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SOFTWARE: FastSEQ for Windows Version SEQ ID NO 15
LENGTH: 80
TYPE: PRT
ORGANISM: Serpentes Linnaeus
US-11-073-420-15
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Sequence 9, Application US/11073420
Publication No. US20060019338A1
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Zhou, Qun-Yong
TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compos
FILE REFERENCE: UCI1210-1
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Best Local 8
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TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compos
FILE REFERENCE: UC11210-1
CURRENT APPLICATION NUMBER: US/11/073,420
CURRENT FILING DATE: 2005-03-04
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CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 108
TYPE: PRT
ORGANISM: Macaca mulatta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)...
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                                                                                                                                                                                                                                                                                                                                                                                                              50.9%; Score 300; DB 7; Length 108; 55.2%; Pred. No. 2.3e-25; ative 15; Mismatches 24; Indels
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62.3%; Pred. No. 4.3e-27;
tive 14; Mismatches 15
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                       Related Compositions and Methods
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CURRENT APPLICATION NUMBER: US/11/073,420
CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
NUMBER: OF SEQ ID NOS: 38
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 81
TYPE: PRT
CRCANISM: Homo sapiens
US-11-073-420-9
Search completed: March 30, 2006, 17:50:37 Job time : 26 secs
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 80
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TITLE OF INVENTION: Primate Prokineticin and Prokineticin
TITLE OF INVENTION: Receptor Polypeptides, Related Compo
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PRIOR APPLICATION NUMBER: 60/550,753
PRIOR FILING DATE: 2004-03-05
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CURRENT APPLICATION NUMBER: US/11/073,420
CURRENT FILING DATE: 2005-03-04
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                                                                                                                                                                                                                                              48.6%; Score 286; DB 7; 57.1%; Pred. No. 5.5e-24;
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